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# DRUG & CHEMICAL MARKETS

Established 1914

A Weekly Business Paper and Prices Current on  
Chemicals, Drugs, Colors, and Aromatics

VOL. XVII

NEW YORK, DECEMBER 30, 1925

No. 27



America visions a new  
independence

**R&H**  
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AND  
SERVICE

A comprehensive list of these quality chemicals for the Rubber and other industries will be found in Chemical Engineering Catalog and Drug and Chemical Markets Guide-Book.



THE rubber manufacturers of America are true to the traditions handed down by the founders of the republic. Their projects in the production of crude rubber are giant strides toward the day when the purse of the American motorist is entirely freed from foreign levies.

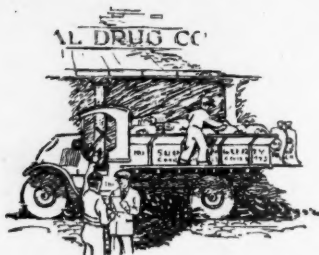
Now that the seed has been sown by far-seeing tire manufacturers, the time is brought closer when automobile tires, from tread to inner tube, will be of American production exclusively.

The planting of rubber plantations is a noteworthy contribution to the industry. It is a source of pride with us that we too have contributed to this happy state by satisfying the demand for dependable chemicals backed by service which is at once helpful and forward looking; and by playing to the best of our ability the role allotted to us for the advancement of this stupendous industry.

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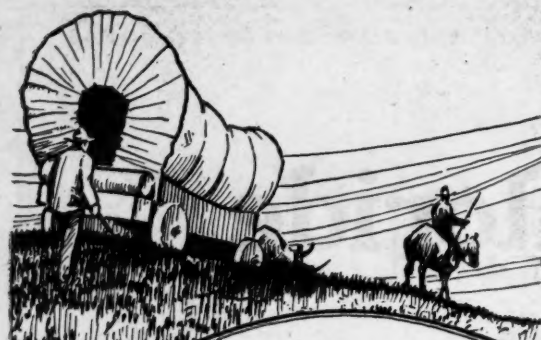
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**GRASSELLI GRADE**  
*A Standard Held High for 86 Years*

## DRUG & CHEMICAL MARKETS

(Title and Style Registered in U. S. Patent Office)

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VOL. XVII

No. 27

## The Week in Brief

### News

Most dye sales being made in the Italian market are from Reparation stocks, reports from Milan state.

Harry B. French, chairman of the board of Smith, Kline & French Co., Philadelphia, is dead at 68 years.

Deposits of kaolin in Northern Ontario, Canada, are to be exploited by a \$7,500,000 company. They are reported the most extensive in the world.

A decision will be issued by the Treasury Department holding imports of motor benzol as duty free.

Stocks of methanol at the end of November showed a sharp decline as a result of heavy consumption and reduced output.

The political situation in Mosul with its uncertainties as to who will administer the country, has brought a stronger situation in opium in London and New York.

### Markets

Industrial chemical demand is at a standstill in all directions. Prices are being well maintained at former levels on practically the entire list.

Pyridine contracts are offered at \$4.00 gal. Pure benzene is weak. Other light oils are tight with quotations nominal. Intermediates show no variation. Dimethylaniline and para-nitroaniline remain unsettled.

Oil market fairly steady during the dull period. Linseed oil remains weak. Chinawood oil steady. Animal products show slight variations in prices.

Alcohol continues weak, with menthol prices open to shading. Camphor is firmer as is methanol. Bismuths, mercurials and acids steady and firm. Mercury showed some additional weakness.

Crude drugs showed little change of importance over a week of negligible trading. Market in general is firm although some weakness is evident in a few items.

# B E E S W A X

Ceresin, All Grades and Colors  
Refined Yellow Beeswax

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Bauer & Black  
Burroughs Bros.

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Norwich Pharmacal Co.  
Schieffelin & Co.  
Fred'k. Stearns & Co.  
Sharpe & Dohme  
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ESTABLISHED 1830  
INCORPORATED 1904

Jackson & Michigan  
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**I**N recent years the chemical industry has seen many long-established markets and price-levels revolutionized overnight by the development of synthetic methods of producing important basic commodities. Prominent among such developments is that of Synthetic Anhydrous Ammonia, in the manufacture of which the Mathieson Company is a pioneer and large factor.

At our Niagara Falls plant we have demonstrated that Synthetic Ammonia of exceptional purity can be produced in unlimited quantity and at very low cost. We now have ample production capacity, cylinder equipment and warehouse facilities throughout the country to serve the trade promptly and fully.

The entrance of this Company into large production has been marked by the first drop in Ammonia prices that has taken place in many years. Not until the advent of Mathieson Synthetic Ammonia did the consumer begin to receive the benefit of the economies in manufacture that had already been effected by ammonia producers.

By the development and marketing of Eagle Thistle Anhydrous Ammonia, this Company has rendered a genuine service to the trade and we solicit from consumers the support that this service merits.

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PHILADELPHIA CHICAGO PROVIDENCE CHARLOTTE

*Caustic Soda - Liquid Chlorine  
Bicarbonate of Soda  
Anhydrous Ammonia*



*Soda Ash - Bleaching Powder  
Modified Virginia Soda  
Aqua Ammonia*

**Deal Direct with the Manufacturer**

# DRUG & CHEMICAL MARKETS

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## THE JUSTICE IN MONOPOLIES

What Secretary of Commerce Hoover recently said about the rubber monopoly, has a direct bearing on the manufacturing drug trade in its connection with monopolies in quinine, camphor, menthol, and other products. Unquestionably, Mr. Hoover was right when he said that the rubber monopoly was costing American consumers millions annually. So are the quinine and other monopolies, but America cannot blame the governments of the countries wherein the monopolies are owned. The real blame, if it can be called such, lies with American capital and industry.

Over the years during which rubber production has been built up, chiefly in British colonies, and the quinine monopoly has grown in Java, nothing has prevented American development of like industries in South America, the Philippines, West Indies, or in Florida and other Southern States, save the refusal to risk the money. Hoshi, the Japanese quinine producer, established his own cinchona estates in Java. Why could not the same be done by Americans in rubber or quinine? The answer is simple; capital considers this a risky type of investment, and the pressing necessity for the development has not existed.

For many years, America has let the other fellow grow our rubber, our quinine, and produce our potash. Now that the price has become somewhat too high, the cry of foreign monopoly is raised. Formerly, when prices were low, this same foreign monopoly was merely a handy convenience. The other fellow has gone ahead and America has been content to stand by and watch. The bill is now being paid, especially in rubber. Secretary Hoover's aim for complete self-sufficiency in American industry is laudable, but his dart at the British rubber monopoly is unjust. The same has been done to British grain and foodstuff buyers by American producers. The fault lies with America for not developing an independent source of rubber years ago. Complaint at this time is futile. Try to correct the condition now,—if capital can be found for the purpose.

## AN INDEPENDENT BENZENE MARKET

Prices on many light oil distillates have been high for the past two months, but the average has not been far out of line. When it is considered that toluene and xylene, which have been advanced nine cents per gallon each, are only found in light oil to the extent of 12 and 8 per cent. respectively, it can be seen that a change of two cents in benzene, of which 80 per cent. of light oil consists,

would be slightly greater than the apparently sharp advances in the other products. Producers are now faced with a weak market for pure benzene, and the advances in toluene and xylene bid fair to be over-balanced by a decline in benzene prices.

The chief advantage to light oil producers in a more complete recovery of pure products by cancellation of expiring contracts for motor benzene during the coming year lies in the fact that they can render themselves absolutely independent of the pernicious influence that gasoline tank-wagon prices have had upon benzene prices. Benzene is a chemical product and should be recognized as such. Chemical manufacturers should not have to study conditions in the petroleum market to determine whether it is timely to buy benzene.

The entire output of benzene can be marketed outside of the gasoline market if trouble is taken to build up that market. The selling of benzene to motor fuel blenders was accepted as a ready outlet for supplies when the armistice was signed and was only a make-shift at the time, but, this has continued as the major outlet instead of being used temporarily until other markets could be developed. In order to supply the demand for toluene and xylene producers are finding themselves in possession of large amounts of pure benzene. Gasoline blenders do not want this in the Winter as it freezes. Then, why not market it along with other pure products and forget the gasoline and thus rid light oil prices once and for all of dictation from oil producers? Pure benzene can be moved in any volume at the right price as has been demonstrated in the case of many other products.

## BEWARE THE PART PAYMENT PLAN

"An eminent statistician" estimates that the people in the United States bought eight billion dollars worth of goods in 1925 on the installment plan—furniture, clothing, books, and automobiles. He estimates the prospective purchases in 1926 at thirty-five billion. The majority of buyers on the installment plan are wage-earners. Suppose a few million workers are thrown out of employment and are unable to meet the payments on baby's crib, the Sunday suit, the encyclopaedia set, or the 1926 model, what will happen?

It seems probable that the father of the family will consider buying food for the baby before he pays the installment due on the crib. He has the crib, also a suit of clothes, a set of books and an automobile. Why should he worry about the easy payment plan? He won't even draw on his

savings account unless he can see his way clear to obtain work in the near future. The furniture man has bills coming due, but finds he has nothing coming in with which to pay. The manufacturer of clothing wants his money from the retailer who sold the Sunday suit, but the retailer hasn't got it. The publisher can't pay his printer, or paper maker, or perhaps cannot meet his weekly payroll. The company that financed the automobile sales is forced to borrow to meet its obligations, but the demand for automobiles falls off owing to the general depression, and thousands of men are discharged. They may be installment buyers, too, and the number of persons who are unable to meet their payments is increased, and the unpaid installments grow larger like a rolling snowball.

The installment plan draws new business in prosperous times and people buy things for which they would not be able to pay cash. The danger lies in the weak foundation on which the system rests—the continuous employment of all persons at a living wage, which is not industrially possible even in prosperous times, because the unions call strikes like that of the coal miners and keep hundreds of thousands out of work Summer and Winter.

The consumer who loves to hear his wife say "Just two more payments and the piano is ours" seems to forget that he is paying 30 per cent or more for the privilege of having the luxury today that he could buy for one-third less if he paid cash. The part payment plan is a financial orgy and will give the country a sick headache if imbibed too freely. Heaven protect the drug and chemical industry from its insidious effects.

#### IPECAC AND RUBBER PRICES

Not only does the rubber market affect the chemical industry as a field where the manufacturer can sell a certain amount of accelerators and compounding materials, but recent developments in the raw rubber market are having a far-reaching effect on certain raw materials going into the drug and chemical industry. The high prices that have been prevailing for some time in rubber have proved such an attraction that laborers in primary markets are flocking to that field and neglecting other now less profitable crops. Logwood and ipecac have been two of the conspicuous sufferers and prices for both of these commodities have been materially affected thereby. Ipecac has become practically unobtainable lately. It may seem a far cry from a rubber tire to a black stocking and a dose of an emetic, but it is another example of the interlocking closeness of the world's industries.

At a recent convention of ice-manufacturers at Atlantic City a total attendance of 150 is reported. Of this total, 50 were women, the wives of the men in attendance. Of the balance, 15 were sellers of ice-making machines, and 35 were sellers of anhydrous ammonia, leaving a balance of 50 consumers and making 1.4 customers for each ammonia salesman.

### Ten Years Ago

(From "Drug & Chemical Markets," December 29, 1915).

A cablegram from American Consul General Skinner at London to the State Department contains information to the effect that Great Britain has made a number of additions to the embargo list and the exportation of bichromate of soda and colchicum and its derivatives has been prohibited to all destinations other than British possessions.

The attempt recently made by Health Commissioner Francis E. Fronczak of Buffalo to have passed a sanitary code including a section requiring the registration of the formulas of all patent and proprietary medicines, was a failure owing to the determined opposition of the drug and proprietary interests.

Cable despatches of December 23 from Paris advised that the French Government had rescinded the decree prohibiting the exportation of crude tartar to the United States. The information followed almost immediately after an increase in price of from 1 to 2 cents in tartar products had been noted on this side.

The pronounced scarcity of spot stocks of bleaching powder and an active inquiry, forced values to higher levels. Small sales are being booked at 10c to 11c, while for forward delivery 9½c@10c a pound is being demanded.

Holders of chamomile flowers are asking higher prices, ranging from 68c@70c a pound, as to quality and quantity ordered on spot.

Absence of offerings of saccharin for immediate and prompt delivery, due to a scarcity of spot stocks, led to an upward movement in this market. Holders advanced prices sharply, ranging from \$14.50@15.00 a pound as to terms of sale.

Several days of last week were spent by the Chicago employees of E. R. Squibb & Sons in removing to the new offices and salesrooms at 111-115 North Franklin street.

Notice has been sent by the Department of Internal Revenue to all revenue officials directing them not to enforce the ruling contained in the first paragraph of Treasury Decision No. 2244, requiring the quantity of narcotic drug to the ounce, or if ordered in tablet form, the total number of tablets and the number of grains per tablet to be indicated on official narcotic forms, until further notice from the department.

Major William G. Murdock, Prohibition Administrator, has mailed about 8,000 liquor permits to physicians in the Philadelphia area. In addition, permits to 2,500 retail druggists have also been mailed. This section, said Major Murdock, requires more permits than any other district and the quickness of the issuance of the permits will make it possible to begin actual enforcement activities sooner.

R. G. Dun & Co., in their weekly trade review of Philadelphia last week said: "In chemicals the prussiate of soda business is very good but anhydrous and aqua ammonia are in poor demand. Collections on the whole are fair."

# The Sale of Proprieties in England

## *How Four Hundred Manufacturers Sell 4,000 Products Ethically and Without Quackery*

Statistics of British production of prepared medicines are carefully withheld from competitors and the public, as is the production of other British goods. Tax payments, however, over a long period of years reveal that the industry has almost quadrupled within twenty years. Another sidelight of the scale of the industry is shown by the fact that one of the largest firms is capitalized for £950,000. The leading trade association lists some 4,000 articles produced by 400 manufacturers.

Indications are that the patent medicine trade is prosperous. The industry is well organized along progressive lines. It is not a mushroom growth, not overcapitalized, and apparently not very heavily committed to the banks, as the frequent turnover in prepared medicines provides capital. Loans in leading lines have been floated recently and have been well subscribed, showing public trust. The industry has not been discredited by many impostures in the form of quack remedies. The organization of the trade is so compact and the press and professional associations so jealous of the repute of the business that no innovations can hope to succeed along lines that are other than conservative and ethical. The fate of one remedy in the summer of 1924 bears out this assertion. For some time it enjoyed the confidence of physicians and was advertised conservatively. A sharp change of policy, involving extravagant curative claims, promptly lost the support of physicians.

In view of the character of the British industry, a newcomer in the field must conform to trade practices in general rather than attempt to introduce novel or intensive methods, however successful they may have been in other countries. But the decision to follow normal business methods is not in itself enough. The business is so competitive that a carefully selected sales program is essential over a long term. The market is very good but is not a self-selling one, and unless the newcomer is quite familiar with all the requirements, technicalities, regulations and practices the market is apt to prove a losing one. In the following pages an effort is made to analyze the many factors that must be considered by an American firm planning to introduce a new product. It is necessary to bear in mind that the present report merely suggests procedure; any definite sales campaign makes it essential that an expert should visit the territory and confer with other experts in the local field.

The medical profession in Great Britain does not take any stand, as a profession, against the use of prepared medicines. The profession freely indorses certain tonics and remedies so long as no undue claims are made and so long as its members are not urged to further such

sales by specific recommendations. Physicians commonly receive free samples of familiar preparations and are broadminded in their attitude toward them. The ethics of the profession, however, forbid the slightest publicity in any literature even remotely resembling advertising. Outside the larger towns, many doctors, perhaps one-third of the total number, dispense their own prescriptions. The degree to which this tends to restrict the sale of prepared medicines is not a matter upon which the layman can speak.

Probably the most distinctive feature of the sale of

prepared medicines in Great Britain is the fact that retail prices are fixed. Years ago the trade suffered badly from lack of organization. Clearance sales and cut-price campaigns among manufacturers and retailers demoralized the business in that the production policy could not be controlled. Manufacturers might bring about a percentage of increased sales, by volume, but there was no way to estimate the net return, by value. The retailer was not so seriously affected by the situation for he could use as "leaders" to draw custom, prepared medicines on which prices were being cut, in the expectation of making a profit on other goods that were not being cut. In 1896 a trade organization was formed under the name "Proprietary Articles Trade Association" (P. A. T. A.) with the purpose of holding the trade together in an agreement to boycott shopkeepers who sold below an established price. English law does not prohibit such price control. In the first year only eight or nine firms, manufacturing 15 articles, were represented.

In 1924 there were 400 manufacturers on the list and the number of price-protected articles was in excess of 4,000. Membership in the P. A. T. A. costs 6 guineas (£6 6s) per year. American introducers of new lines are eligible to membership and need only satisfy the directors that the proposed retail price is a justifiable one, in line with the market for similar preparations.

Some of the British preparations seek the favor of physicians and accordingly have no program of general public advertising. There is no reason, however, why these lines should not be advertised in the trade periodicals. Perhaps the widest advertiser now before the public followed for many years this restricted publicity plan. Surplus profits went back into plant, beyond immediate needs, until the firm felt certain that it could cope with the demand which could be stimulated by open advertising. Thereupon the exclusive appeal to the profession ceased and the broader market was cultivated. Had the plant been unable to meet the new demand a serious loss of good will would have resulted and the

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*Although the production and sale of proprietary medicines in the British Isles have quadrupled within twenty years, typical British conservatism and strict adherence to ethical claims have steered the industry clear of any public discredit. No exposures of impostures or charges of quackery have shaken the public trust. As a consequence, one of the most highly organized industries of its type in the world has been built up. The Chemical Division of the Department of Commerce reveals some interesting facts about this trade.*

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—The Editors.

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professional support could not have been rewon. This form of publicity, of course, requires a British plant, heavy expenditure of money, and an absolutely sure estimate of the potential market. It is proof enough of the assertion that the inaugural policy of any new entrant upon the field must be carefully guided by the policy which the firm hopes to follow after the introductory period. The long-run policy is the only advisable one.

#### Regulations and Business Details

To assure that the sale of any American product shall enjoy the full advantages of British laws and customs, it is essential that the maker shall comply with provisions that have that end in view.

**Trade-marks.**—Various forms must be filled out in order to secure trade-mark protection. These vary in so many respects that it is not feasible at this point to specify all the details. All particulars may be obtained from the Registrar, Patent Office, Trade-Marks Branch, 25 Southampton Buildings, London, W. C. 2. Either the principal or his agent may make application. Searches must be made to ascertain whether similar marks have been registered. Because of the familiarity with procedure which is required, it is best to apply for registration through a competent attorney. If this registration is not completed within 12 months, it is regarded as abandoned. Registration, when completed, covers a period of 14 years from the date of application but may be renewed upon payment of a fee.

**Patents.**—Application for forms, at £1 cost, should be addressed to The Comptroller, Patent Office, 25 Southampton Buildings, London, W. C. 2. The instructions to applicants should also be asked for. The complete specification must be lodged in not less than nine months. A patent covers 16 years, fees being payable before the expiration of the fourth year and before the expiration of each succeeding year. These fees start at £5 and rise by £1 annually to £16 for the last year.

**Designs.**—A design may be registered in various classes, referring chiefly to the material in which the design is to be carried out. Protection is granted for fifteen years, a fee of £12 being payable before the expiration of the fifth year in respect of the second period of five years, and further fees of £5, payable before the expiration of the tenth year.

**Labels.**—There is no particular requirement with respect to the label. It need not publish a formula or specific part of any ingredient. A few years ago a drug bill was introduced into Parliament containing provisions of this general sort, distasteful to the trade. The bill was not passed, but there is no assurance that a similar one may not be introduced in the future. A special committee, though not of the drug trade, has just published elaborate recommendations regarding preservatives and coloring matter in food preparations. Whether this will be adopted and whether it will be made to apply to food preparations that are classed as restoratives is not yet determined.

Fratelli Jung, Palermo, write that demand for lemon oil continues active and prices have strengthened. An advance has taken place in orange oil, following increased demand. Bergamot is firm, with growers reluctant to offer future positions, and buyers eagerly watching the market.

Among the securities admitted to trading on the New York Stock Exchange recently, were the International Match Corp., \$31,500,000 participating preference stock, and The Owens Bottle Co., \$826,375 common stock.

#### EXPECT LARGER MEXICAN VANILLA CROP

**Increase in "Cuts" Will Be Larger Due to Pickers Waiting for Higher Prices—Whole Beans Will be About the Same—Quality Expected to be Superior This Year**

(Special to DRUG & CHEMICAL MARKETS)

Veracruz, Mexico, Dec. 21—While the estimated crop of the whole vanilla is about the same as the past year in quantity, the quality will be much better this season. The amount of "cuts" this season will be very much larger than the past crop, due to the growers not picking the beans, as they are waiting for higher prices. The fall weather conditions are also increasing the amount of cuts, as the cold weather ripens the beans more readily and they split. When they fall, they are made into "cuts" by the growers. The "cuts" this season will be of a much better quality than during the past season of 1924-5.

None of the large American firms, with one exception, are buying at the present time. American firms in the market last season lost money, and they are not going to be caught again. They are making no offers for beans at the present time, as there is no base for prices. Some of the curers are buying green beans, paying a higher price than the whole cured is selling for in New York. The prices paid for the green beans at the present time is 80 to 85 pesos (\$40.00 to \$42.50 Am. Cy.) per thousand. A 1,000 green beans when cured will make about 10 pounds of whole cured. At this price the buyers stand to lose money unless the New York market advances.

Other expenses to be taken into consideration are the State tax, which is 90 centavos a kilo, (20c Am. cy. per lb), plus 25% Federal tax, freight from Papantla to this port is about 4.00 pesos (\$2.00 Am. cy.) per case, average weight about 180 pounds. Freight from Veracruz to New York, 12½ cents Am. cy. per pound gross weight. With the 30 cents American import duty, curing and labor about 100% higher this year than in the past, cost of packing and cases, it can be readily seen that at the present price, buyers will lose money, unless there is an increase in the New York market price. It is stated that the French market regulates prices in Mexico, the Mexican product always selling a little in advance of the French vanilla.

The British Power Alcohol Association has advocated the establishment of power alcohol distilleries in connection with sugar beet refineries where the beet crop is small, in order that, by utilizing other raw materials, the plant may be operated the year round.

Newbro Manufacturing Co., Atlanta, Ga., has moved to 69 Walker St. from its old plant at 140 Edgewood av. The firm make proprietaries and toilet goods. N. O. Newman is president and E. N. Newman, secretary and treasurer. The company was established in 1913.

The National Association of Retail Druggists is seeking to have the tax for the handling of narcotics reduced to the pre-war level, from the present levels, instituted during the war.

American Creosote Works has purchased the Atlantic Creosoting & Wood Preserving Works, Norfolk, Va., and are planning to erect a modern creosoting plant on the new site.

The name of the American Cyanamid Co., a Delaware corporation has been changed to the American Cyanamid Sales Corp., of New York.



# Industrial Chemical

## SECTION



### Further Sharp Drop in Methanol Stocks

Consumption in November in U. S. Was 809,507 Gals. Against 655,541 Gals. Produced—Stocks on Hand Dropped to 495,492 Gals.—Figures for U. S. and Canada

Washington, D. C., December 30—During November, 597,836 gallons of crude methanol were purchased in the United States and 809,507 gallons consumed, while the stocks on hand at the end of the month totalled 856,751 gallons, according to the Department of Commerce. During November, also, 655,541 gallons of refined methanol were produced and the stocks on hand at the end of the month totalled 495,492 gallons. Detailed figures for both United States and Canada follow:

| Year and Month | CRUDE     |          |                        | REFINED  |                        |
|----------------|-----------|----------|------------------------|----------|------------------------|
|                | Purchased | Consumed | Stocks<br>(end of mo.) | Produced | Stocks<br>(end of mo.) |
| UNITED STATES  |           |          |                        |          |                        |
| 1925           |           |          |                        |          |                        |
| April          | 430,377   | 581,181  | 1,785,550              | 474,701  | 717,853                |
| May            | 390,831   | 588,073  | 1,869,327              | 416,227  | 715,100                |
| June           | 336,740   | 480,087  | 1,461,989              | 375,040  | 669,861                |
| July           | 395,832   | 645,490  | 1,543,375              | 394,207  | 554,261                |
| August         | 435,423   | 621,670  | 1,465,549              | 525,683  | 575,492                |
| September      | 454,391   | 619,182  | 1,362,188              | 509,195  | 526,176                |
| October        | 681,985   | 905,952  | 1,064,365              | 671,808  | 515,917                |
| November       | 597,836   | 809,507  | 856,751                | 655,541  | 495,492                |
| CANADA         |           |          |                        |          |                        |
| 1925           |           |          |                        |          |                        |
| April          | —         | 37,528   | 65,643                 | 36,680   | 68,477                 |
| May            | —         | 26,465   | 59,648                 | 25,800   | 50,344                 |
| June           | —         | 17,493   | 55,475                 | 17,200   | 51,551                 |
| July           | —         | 21,641   | 42,944                 | 20,700   | 52,459                 |
| August         | —         | —        | 42,077                 | —        | 32,007                 |
| September      | —         | 22,188   | 19,889                 | 21,185   | 40,129                 |
| October        | —         | 12,200   | 36,606                 | 11,500   | 32,443                 |
| November       | —         | 40,895   | 33,186                 | 39,200   | 40,846                 |

### TO INVESTIGATE CHEMICAL MONOPOLIES

(Special to Drug & Chemical Markets)

Washington, D. C., Dec. 30—The House of Representatives has passed a resolution providing for an investigation by the Committee on Interstate and Foreign Commerce, or a subcommittee of that committee, regarding the "means and methods of the control of production and exportation" of nitrates, potash, quinine, iodine, pulp wood "and their effects upon the commerce of the United States, both as to supply and to price, and to report to the House its findings and recommendations thereon; said committee shall have leave to report at any time on the matters herein stated in one or more reports."

### TO EXPLOIT CANADIAN KAOLIN

(Special to Drug & Chemical Markets)

Toronto, Dec. 23.—A company is being organized with a capital of \$7,500,000 for the development of kaolin, or China clay, deposits situated at Kaolin City on the Mattagami River in Northern Ontario, and claimed to be one of the largest and most valuable of the kind known to occur anywhere. The promoters of the enterprise are

William Douglas Sens, Hon. Edmund Bristol, of Toronto and Charles M. McCarthy, of Elk Lake, Ont. The company will take over approximately 400 acres of the clay land which has been examined by Sidney Harnack, a Cornwall engineer, and it is proposed to erect a plant at Kaolin City capable of handling 500,000 tons yearly. The Ontario government will aid the enterprise by the extension of the Tinuskaning & Northern Ontario Railway for 32 miles from its present terminus to tap the clay deposit.

### MAY NOT SEND METHANOL AGENTS ABROAD

(Special to Drug & Chemical Markets)

Washington, D. C., December 30—The Chemical Division of the Tariff Commission has completed its domestic field and office work on methanol and sodium silicofluoride. The question as to whether agents of the commission will be sent to Europe to get the foreign costs or whether they will be obtained through agents already there, is now before the commission for consideration.

### WILL ASK FOR MUSCLE SHOALS BIDS

(Special to Drug & Chemical Markets)

Washington, D. C., Dec. 30—Certain government officials who are near the administration are of the opinion that the recent survey made on the Muscle Shoals situation and reported to the President will not make any difference in connection with possible legislation. The idea of this individual is that Congress will appoint a Joint Congressional Committee to ask for bids and report back to the Congress.

Sulfur production in Java has begun at the Kawah Poetih (volcano) south of Bandoeng. An open, wooden gully has been constructed up to the government lodging of the Forest Department at Tjibodas for conveying the product by water. On arrival at Tjibodas the ore is treated by mechanical apparatus. The further transportation to Tjiwidej is effected by motor trucks. Apparently the company is now in a position to make deliveries, and in view of the yearly consumption which amounts to from 6,000 to 10,000 tons, it may be assumed that the product will find a considerable market locally. The principal consumer is the sugar industry.

At a recent meeting of the National Wood Chemical Association, a resolution was adopted in respect to the memory of Hon. F. C. Wright, who had been a very active factor in their interests prior to his death on Nov. 10, 1925.

Dr. C. J. Rolle has been appointed supervisor of the lacquer department of the Ault & Wiborg Co., Cincinnati. Dr. Rolle, at present with the Van Schaack Bros. Chem. Co., will assume his new duties Jan. 1.

## The Heavy Chemical Market

Chemical Current Spot Quotations for Heavy Chemicals, see pages 1818-1836

### ACETIC ACID UP WITH LIME ACETATE

Advance of 25c 100 Lb. in Acetate—Barium Carbonate Slightly Stronger—Sodium Nitrite Firmer—Mineral Acids Generally Strong—Ammonia Market Shows No Change—Prussiates Steady—Market Continues in Steady Condition As Year Closes

### PRICE CHANGES IN NEW YORK

(Stocks in First Hands)

Advanced

Acetic Acid, 12c to 46c 100 lb. Calcium Acetate, 25c 100 lb.

Barium Carbonate, \$1.00 ton Sodium Nitrite, 3/4c lb.

Declined

No Declines

### Trend of the Market

|                             | Today      | Last Week | Last Month | Last Year | War Peak   | Pre-War |
|-----------------------------|------------|-----------|------------|-----------|------------|---------|
| Acetic Acid, Glacial .lb.   | \$1.11 1/2 | \$1.11    | \$1.11     | \$1.11    | \$1.19 1/2 | \$0.97  |
| Sulfuric Acid, 66 deg. ton  | 14.00      | 14.00     | 14.00      | 14.00     | 55.00      | 20.00   |
| Ammonium Sulfate, 100lbs    | 2.95       | 2.95      | 2.95       | 2.75      | 7.50       | 2.65    |
| Bleaching Powder, 100lbs    | 2.00       | 2.00      | 2.00       | 1.90      | 9.50       | 1.50    |
| Copper Sulfate c/l. 100lbs  | 4.40       | 4.40      | 4.45       | 4.65      | 20.00      | 4.60    |
| Potash, Caustic, Imp. lb.   | .07 1/4    | .07 1/4   | .07 1/4    | .07 1/4   | .87        | .08     |
| Soda Ash, 58 p.c. 100lbs    | 1.94       | 1.94      | 1.94       | 1.94      | 8.50       | .60     |
| Acetic Soda, 76 p.c. 100lbs | 3.66       | 3.66      | 3.66       | 3.66      | 9.50       | 1.42    |
| Sodium Prussiate .lb.       | .10        | .10       | .10        | .09 1/4   | 1.25       | .18     |
| Sodium Prussiate .lb.       | .10        | .10       | .10        | .09 1/4   | 1.25       | .18     |
| Average .....               | 2.926      | 2.923     | 2.928      | 2.927     | 10.79      | 2.99    |

Prices on industrial chemicals continued practically without change in all directions during the past week. Inquiry was small on the entire list but makers continued to report marked activity among consumers in covering requirements for the coming year. Shipping orders for the first quarter of 1926 are fully up to expectations. Refiners of wood distillation products have announced another advance in acetate of lime and this has been followed by a further advance in acetic acid. Acetone has not been affected as this product is now made completely as a by-product of fermentation of butyl alcohol. Ammonia products have shown no change and the market on these items remains quite soft due to continued sharp competition. Imported products for the most part are now on the same basis as domestic products. Selling agents for foreign producers are placing their goods direct with consumers and the speculator has practically been removed from the scene. Thus prices on these are very steady, and a temporary scarcity, or heavy arrivals now fail to change quotations.

**Acetic Anhydride**—Market for 92-95% material remains steady with domestic goods named at unchanged prices of 29c@34c lb as to quantity. Competition from imported goods is still rather sharp.

**Acetone**—Maker of fermentation product quotes firm unchanged prices in all transactions. No excess supplies are apparent in any direction and no change is likely at present.

**Acid Acetic**—Makers have advanced quotations following an advance in acetate of lime prices. Quotations on carlots of barrels at works are as follows: 28% \$3.24 100 lb; 56% \$6.09 100 lb; 70% \$7.51; 80% commercial \$8.41; 80% pure \$9.30; glacial \$11.47.

**Acid Formic**—Prices remained steady throughout the week on both 90% and 85% products. Stocks are not of undue proportions and no change in the strength of the market is forecast.

**Acid Lactic**—Maker names firm unchanged prices on all grades for spot and for contracts over the coming year.

**Acid Muriatic**—Market is in a very firm condition owing to the strong condition of the chlorine market, and contracts for next year have been taken at unchanged prices.

**Acid Nitric**—Manufacturers anticipate no change in this market for some time to come. Contracts for 1926 have been closed at the recent advance and consumers have displayed unusual willingness to cover their requirements.

**Acid Sulfuric**—Consumers are practically all under contract for coming year due to the strong upward appearance of the market brought about by the recent advances in crude sulfur prices.

**Alum Potash**—Quiet condition reported with goods freely offered at unchanged prices.

**Aluminum Sulfate**—Iron-free material prices for spot lots of domestic continue at \$2.00 100 lb, while importers still name \$1.65@1.70. Commercial material is quoted by domestic makers at \$1.40.

**Ammonia Anhydrous**—Condition of this market is unchanged and the ordinary run of business continues to be taken at 13c@15c lb as to sharpness of competition. Makers are competing very sharply for large business.

**Ammonia Aqua**—Very small spot business reported over the week although makers continue to name prices that show no variation. A revival of the severe competition that has been present in this market is anticipated as soon as consuming interest is revived.

**Ammonium Chloride**—Domestic products are at a standstill for prompt delivery owing to the fact that lower prices are effective on Jan. 1. White material is quoted for 1926 at 6c lb in carlots at works, and up to 7c lb for less carlots delivered. Gray material for 1926 is quoted at 7c lb for carlots at works, and up to 8c lb for less carlots delivered. Imported products remain at 5 1/2c@5 3/4c lb for white on spot, and 6 1/4c@6 1/2c lb for gray.

**Barium Salts**—Chloride prices have shown no change and imported material is obtainable at \$60.00 ton ex-store. Carbonate is slightly stronger at \$45.00 ton.

**Bleach**—Market remains in a very firm condition and nothing is obtainable under makers' prices of \$2.00 100 lb for large drums at works on contract.

**Calcium Acetate**—Producers have again advanced quotations and now name \$3.25 100 lb for bags, with bags extra and returnable.

**Carbon Tetrachloride**—Market quiet but steady at recent reduction to 6 1/4c lb for carlots of drums delivered.

**Chlorine**—Very firm condition reported by manufacturers who report satisfactory contract closings for coming year.

**Copper Sulfate**—Easy condition continues and carlots of large crystals on spot are obtainable at \$4.35@4.40 100 lb.

**Lead Acetate**—Makers quote firm unchanged prices in all transactions and no change appears likely at present.

**Potassium Carbonate**—Increased activity reported by

importers for shipment. Spot stocks of various grades not large.

**Potassium Bichromate**—Spot demand at standstill but market is in a fairly steady condition. A firmer condition is anticipated after the turn of the year. Lots are obtainable at 8c@8½c lb.

**Potassium Chlorate**—Importers and domestic makers remain very firm in quotations which show no change.

**Potassium Prussiate**—Conditions show no change in this market and importers and domestic makers quote unchanged prices in all transactions.

**Sodium Cyanide**—Steady conditions reported with prices firm and unchanged. Importers are not in a very fair way to compete with domestic makers with present low prices for ammonia, and further reduction in prices is not at all unlikely.

**Sodium Nitrate**—Spot and December continue to be quoted at \$2.63 and January is firm at \$2.67.

**Sodium Nitrite**—Market is firmer and nothing is offered on spot under 9c lb.

**Sodium Prussiate**—Importers and domestic makers quote firm unchanged prices of 10c@10½c lb as to quantity. On occasions 9½c lb ex-dock can be done.

#### E. B. G. PROMOTES WILLIAM WEED

Electro Bleaching Gas Co. announces the promotion of William J. Weed to assistant manager of sales. Mr. Weed has been a member of the Electro Bleaching Gas Co. staff and their associate company, Niagara Alkali Co., for the past thirteen years, six years of which have been devoted almost entirely to the pulp and paper field.

#### USE BY-PRODUCT SMOKESTACK SULFUR

Experiments made by Prof. E. R. de Ong, of the University of California, have opened a field for the use of smokestack colloidal sulfur, heretofore wasted. This sulfur, formerly blown from the smokestacks under the old "dry" process of making gas, under the new "wet" process is a by-product that formerly involved a problem for its disposition. At present, three plants in the Greater San Francisco field are producing about five tons of this sulfur a day. Prof. de Ong says it is more valuable for dusting trees and grape vines than the commercial sulfur now used. It is more adhesive and requires only the addition of a cheap filler to prevent it from balling. In neutralizing black alkali in soils, it has been found that colloidal sulfur acts more quickly than other kinds.

The New York State Public Service Commission has approved new rates of the Lehigh Valley Railroad on muriatic, nitrating and sulfuric acids, carload, from stations Corfu to Suspension Bridge and Buffalo, inclusive, to Auburn of 15½c per cwt., a reduction of 4 cents. This was effective Dec. 21.

W. L. Due, purchasing agent of the Roessler & Hasslacher Chemical Co., is to take charge of the denatured alcohol department Jan. 2, so that Johnny Walker, who at present holds that position, may visit the trade.

Pfaltz & Bauer, Inc., New York, held their annual sales convention at the home office in New York on Dec. 21 and 22.

Canada shipped 5,480,640 lbs. of sulfuric acid into the United States in October.

#### CHEMICALS NEGLECTED IN HAMBURG

**Holidays Cut Down Trading—Barium Chloride Higher—Sodium Sulfide Down—Oxalic Acid and Barium Carbonate Firm**

(Special Cable to DRUG & CHEMICAL MARKETS)

Hamburg, Dec. 30—Chemicals are neglected here and business is very dull, owing to the holidays. All markets are especially quiet. Barium chloride is higher. Sodium sulfide has dropped. Oxalic acid and barium carbonate are firmer. Other prices remain unchanged.

#### TO MAKE ALCOHOL FOR 3c LITER IN FRANCE

(Special to DRUG & CHEMICAL MARKETS)

Washington, D. C., Dec. 30—A factory for the manufacture of industrial alcohol from peanut hulls is soon to be established at Marseille, France, according to local reports, vice-consul G. F. Carney, Marseille, advises the Department of Commerce. An expert from the governmental powder factory at Serges is reported to have discovered a new chemical process for the breaking down of cellulose and the Marseille Faculty of Sciences of the University of Aix-Marseille is an authority for the statement that alcohol can be manufactured as cheaply as three cents per liter. It is said that approximately 350,000 tons of peanut hulls are available annually and the commercial interests of the district are hopeful that this process will prove commercially practicable.

#### G. S. ROBINS & CO. TAKES

##### OVER WHITELAW BROS.

G. S. Robins & Co., St. Louis, have moved their offices from 511 S. 2nd St., to 309 S. Wharf St., which building was formerly occupied by Whitelaw Bros. After Whitelaw Bros. discontinue business on Dec. 31, G. S. Robins & Co. will carry on this business in addition to their own, with the exception of the agency for Solvay alkalis and calcium chloride, as they will continue to represent Mathieson Alkali Works on all their products. Several members of the former Whitelaw organization are to be connected with G. S. Robins & Co., and Ralph Whitelaw will make his office with Robins & Co., while liquidating the affairs of his concern. In addition to the Whitelaw warehouse, E. G. Robins and Co. will continue to operate their warehouse at 511 S. Second St.

A chemical plant recently commenced operations at Lima, Peru, with equipment for the manufacture of caustic soda, chlorine, and hydrogen by electrolysis. Bleaching powder is being made from the chlorine. Plans are being made for the manufacture of hydrochloric and sulfuric acids, potassium chlorate and the following sodium compounds: sulfate, carbonate, bicarbonate, sulfide, sulfite, and bisulfite. The name of the firm will be supplied to accredited firms upon request to the Chemical Division, Bureau of Foreign and Domestic Commerce, Washington, D. C.

A meeting of the committee detailed to study the danger to health in the handling of gasoline with a tetraethyl lead content, was held at Washington last week. No report was issued as to the outcome of the meeting other than a statement to the effect that another meeting was planned for the middle of January at which, it is presumed, the committee will report its findings with any recommendations which it considers in order.

Imports of white arsenic in October, 1925, amounted to 1,715,588 lbs. of which 1,406,858 lbs. came from Mexico, 90,294 lbs. from Canada, and 28,000 lbs. from Japan.

## The Intermediate and Dye Market

Current Spot Quotations for Intermediates, see Chemical pages 1818-1836

### PYRIDINE CONTRACTS OFFERED AT \$4.00

Pure Benzene Remains Unsteady—Toluene, Solvent Naphtha and Xylene Remain Tight—Naphthalene and Phenol Dull—Cresylic Acid Very Strong—Intermediates Show No Change—Dimethyl-Aniline and Para-Nitroaniline Continue Unsettled—Contract Business Practically Over—Business at Standstill

#### PRICE CHANGES IN NEW YORK (Stocks in First Hands)

Advanced  
No Advances  
Declined  
No Declines

#### Trend of the Market

|                           | Today     | Last Week | Last Month | Last Year | War Peak | Pre-War |
|---------------------------|-----------|-----------|------------|-----------|----------|---------|
| Benzene, pure .....       | gal. \$24 | \$24      | \$24       | \$25      | \$1.10   | \$25    |
| Naphthalene flake .....   | lb. .05¼  | .05¼      | .05¼       | .05¼      | .16      | .03     |
| Phenol Spot .....         | lb. .22   | .22       | .22        | .24       | 1.50     | .08     |
| Toluene .....             | gal. .35  | .35       | .35        | .26       | —        | —       |
| Aniline Oil .....         | lb. .16   | .16       | .16        | .16       | 1.40     | .10½    |
| Alpha-naphthylamine ..... | lb. .35   | .35       | .35        | .35       | 1.28     | —       |
| Benzaldehyde .....        | lb. .70   | .70       | .70        | .70       | —        | —       |
| Betanaphthol .....        | lb. .24   | .24       | .24        | .24       | 1.50     | .08     |
| Dimethylaniline .....     | lb. .31   | .31       | .31        | .34       | 1.30     | —       |
| Paranitroaniline .....    | lb. .53   | .53       | .53        | .66       | 1.68     | .18     |
| Average .....             | 0.316     | 0.316     | 0.316      | 0.325     | —        | —       |

No change in the conditions surrounding any of the light oil distillates was apparent during the week. Benzene is quoted firmly by leading distributors, although some producers are reported to be offering contracts on pure at lower prices. The increased recovery of toluene and xylene with steel production at 88 per cent of capacity is bringing the greatest amount of pure benzene that has ever been produced. Tightness continues in toluene and xylene with distributors obtaining far from sufficient supplies to fulfill the demand. Other crudes were very quiet during the week with consumers unwilling to take on supplies and makers not trying to force the situation. Naphthalene was maintained at steady prices. Phenol displayed nothing unusual in the matter of quotations. Pyridine presented a steady appearance.

Intermediates were very quiet with makers apparently willing to wait until after the turn of the year before seeking any additional business. Consumers are practically all covered for the coming year on contracts, and are not taking on any supplies at the moment due to the impending inventory period. Makers are quite optimistic as to the coming year and predict a firm steady market as practically the entire list, now that the apprehension of contract season has passed.

#### Crudes

**Benzene**—Pure benzene continues to be reported in a weak condition and contracts have been offered at prices under the general market. The more complete recovery of toluene and the other fractions, with steel operations at 88% of capacity, is throwing probably the greatest quantities of pure benzene on the market that have ever been recorded. Offerings of 90% are rather scarce and prices are very firm in all quarters. Quota-

tions are given at 24c gal. for both pure and 90% in tank cars at mills, and at 29c gal. in drums at mills.

**Cresylic Acid**—Underlying strength continues to be reported in this market with low-priced spot goods very greatly decreased and more holders naming higher prices. Shipment prices are continually advancing and spot prices are practically certain to reach shipment levels or above soon after the turn of the year. Spot prices on 97-99% pale acid cover a wide range with 53c gal. as the bottom and 73c gal. as the top for high grade material. Dark 85% material is offered at 2c gal. below pale acid prices.

**Naphthalene**—Nothing new is reported in the situation with makers quoting firm unchanged prices of 5¼c lb for flakes, and 6¼c lb for balls. Contracts continue to be offered for Spring delivery with protection against price decline. Spot demand is at a standstill in all quarters.

**Phenol**—Quiet condition is reported by makers who name unchanged prices in all transactions. Usual price-shading of 1c lb is still reported. Makers anticipate an increased demand for the coming year although prices may show some variation.

**Pyridine**—Spot goods remain quiet at unchanged quotation of \$4.15@4.20 gal. as to seller and quantity. Shipment is still offered at \$3.85 gal. drums included. Contracts are being offered covering delivery over the coming year at \$4.00 gal.

**Solvent Naphtha**—Leading distributors report an unchanged situation with inquiries greatly in excess of supplies and quotations entirely nominal at recent figures. No relief from the present situation is in sight.

**Toluene**—No new developments reported in any quarter. Producers and distributors are still in possession of orders greatly in excess of their supplies and quotations are nominally unchanged. It is not as yet known whether the more complete recovery of toluene, that will make itself felt after the turn of the year, will be sufficient to satisfy the demand.

**Xylene**—Quotations on all grades are nominal and unchanged. Supplies are far from sufficient to fulfill requirements of consumers, and distributors are experiencing great difficulty in supplying contract commitments. Increased output is expected after the turn of the year but it is not known whether output at that time will be large enough to change the situation.

#### Intermediates

**Acid Cleve's**—Demand small with makers naming firm unchanged prices in anticipation of a greatly increased demand over the coming year.

**Acid Gamma**—Leading makers continue to quote \$1.30 @ \$1.36 lb as to quantity and find no weakness in the situation. At present inquiry is at a standstill.

**Acid H**—Market is in a fairly steady condition with quotations showing no variation from 68c@72c lb as to quantity on the ordinary run of business.

**Aniline Oil**—Contract closings are about completed and spot movement is at a standstill. No new developments are reported in any quarter. Competition was more severe than usual for contracts this year, but a firm condition is expected from now on.

**Dimethyl-Aniline**—Unchanged conditions prevail in this market. Weakness is present due to one maker attempting to increase his output at the expense of other makers. Whether the market will return to a firm basis after the turn of the year is not known at present.

**Ortho-Nitro-Toluene**—Demand is of very small proportions. Prices show no variation in any quarter although the situation is none too firm despite the recent advances in toluene prices.

**Ortho-Toluidine**—Market is quiet but no weakness is apparent in any quarter. The weak condition of the para salt with makers in possession of very heavy supplies, coupled with the higher prices for toluene, give the situation a very firm basis and no great decline can be expected under any circumstances. Quotations on single drums are given at 25c lb.

**Para-Nitroaniline**—Market remains in a sharply competitive state with leading makers still quoting 53c lb, and some smaller makers making sales at 51c lb.

**Para-Toluidine**—Large stocks remain in manufacturers' hands. Apparently there is no outlet for these supplies and makers are unwilling to cut quotations unless the great bulk can be moved. Prices remain at 50c@55c lb but the market is very weak.

#### BUY REPARATION DYES IN ITALY

(Special Correspondence to DRUG & CHEMICAL MARKETS)

Milan, Italy, December 15, 1925—War reparation dyes are in good demand. Certain colors still are lacking, and local producers are benefiting by the situation, and doing a very fair business. Quotations are as follows per 100 kilos: Naphthol yellow, 4,500 to 7,000 lire; auramine, 6,500 to 7,500 lire; orange II, 1,600 to 2,000 lire; nigrosine, water soluble, 3,000 to 3,800 lire; nigrosine, soluble in alcohol, 3,300 to 4,000 lire; sulfur black, 770 to 1,200 lire; acid black, 1,700 to 3,000 lire; direct black, 1,850 to 3,000 lire; chrome black, 2,500 to 3,800 lire; methylene blue, 8,200 to 9,700 lire; direct blue, 1,500 to 2,500 lire; sulfur blue, 2,000 to 4,000 lire; malachite green, 7,500 to 9,700 lire; acid green, 6,500 to 7,500 lire; direct green, 2,000 to 3,600 lire; Bismarck brown, 2,600 to 3,000 lire; Magenta crystals, 7,500 to 8,600 lire; Methyl violet, 7,000 to 8,600 lire; Magenta crystals, 7,500 to 8,600 lire; Eosine, 5,500 to 8,000.

Genoa, December 15, 1925—Dyestuffs are in fair demand for leather, fur, paper and yarn dyeing. Quotations are as follows per kilo: Nigrosine crystals, 23 to 25; direct black, 25 to 28 lire; methylene blue, 85 to 100 lire; auramine, 76 to 80 lire; Magenta crystals, 85 to 91 lire; liquid fustic extract, 7 to 7.50 lire; logwood extract, 6.50 to 7.50 lire; hematine crystals, 10 to 12 lire. (\$1.00 = 24.50 lire).

Citizens Gas Co., Indianapolis, has plans nearing completion for the erection of a new by-product plant at its artificial gas works, to be used for the production of sulfate of ammonia and kindred specialties. It will cost about \$300,000, with machinery. C. L. Kirk is vice-president and general manager.

An encouraging indication for the textile industry is found in the report that the Draper Corp. at Hopedale, Mass., manufacturers of textile machinery, is now running on full time and officials of the company state that they are confident of maintaining this schedule through the winter.

Imports of alizarin and derivatives for October amounted to 1,055 pounds valued at \$1,766. During the same month 366,952 pounds of colors, dyes, and stains were imported, valued at \$383,066.

#### KUTTROFF, PICKHARDT JOINS

##### GENERAL DYESTUFF COMBINATION

**K-P Announces Discontinuance of Dye Import and Sales Effective Jan. 1—Means Badische Will Be Represented by General Dyestuff—Completes Unification of Kartel Sales Representation in U. S.**

Kuttruff, Pickhardt & Co., New York, announces that they will discontinue the importation and sales of dyestuffs effective Jan. 1. The sale of dyes of the Badische Anilin- und Sodafabrik, Ludwigshafen am Rhine will be transferred to the General Dyestuff Corp., New York, of which Herman Metz is head. The addition of the dye business of K-P to the General Dyestuff Corp. completes the unification of German Dye Kartel sales representation in the United States, and has been expected for over six months. The fact that K-P would join the General in dye sales here, was reported by "Drug & Chemical Markets" from Berlin about six months ago. Confirmation of the pending combination has been lacking, however, prior to the issuance of the formal notice on Dec. 29.

Branch offices of Kuttruff, Pickhardt & Co. will be consolidated with those of General Dyestuffs in various cities. Sale of fertilizer specialties and chemicals by K-P will be continued unchanged, as in the past, from 128 Duane St., New York. General Dyestuff branch offices will be located as follows: Boston, 155 High St.; Providence, 52 Exchange Place; Chicago, 305 West Randolph Street; Philadelphia, 111 Arch Street; Charlotte, N. C., 23 West 1st Street; San Francisco, 20 Natoma Street.

Grasselli Dyestuff Corp. joined the General Dyestuff Corp. for sale of their American colors and German Bayer dyes on Oct 1 last. The addition of K-P with Badische is believed to mean a concerted effort by the Kartel to win back the American dye business.

The announcement of Kuttruff, Pickhardt & Co. said in part: "On January 1, 1926, Kuttruff, Pickhardt & Co., will discontinue the importation and sale of dyestuffs. The General Dyestuff Corp. of 230 Fifth Ave., New York, has purchased our merchandise stock and will hereafter offer to the trade the dyestuffs manufactured by the Badische Anilin- und Sodafabrik, Ludwigshafen a/Rh., as well as the other dyestuffs which we have supplied."

#### MOTOR BENZOL FOUND DUTY FREE

Washington, D. C., Dec. 30—It is understood that the Customs Service will issue a decision in a few days finding that motor benzol is free of duty because it is a coal tar product mentioned in paragraph 1549 of the present Tariff Act.

#### INDIA INDIGO ACREAGE INCREASES

The area planted with indigo in the Madras Presidency up to the end of August, 1925, has been estimated at 55,600 acres as against 42,700 acres in 1924. Over a five-year period ending 1923-24, area under indigo cultivation in the presidency averaged 41.6 per cent of the total area devoted to indigo cultivation in British India. A large portion of the crop is plowed into the soil as dressing, but the total probable yield if all were manufactured into dye, is estimated at 700 tons. Consul E. Verne Richardson, Karachi, reports that the area under cultivation in the Punjab at the end of September was officially estimated at 20,500 acres, as compared with 14,207 acres estimated in the corresponding forecast and an actual area of 6,429 acres last year. The quantitative yield for this forecast is estimated at 215 tons.

## The Oil Market

Current Spot Quotations on Oils, Greases, pages 1836-1837

### MARKET QUIET WITH SAME WEAK SPOTS

Coconut Oil Down Again to 10½¢ lb Spot—Linseed Oil Lower at 12.1¢ lb—Cottonseed Oil Quotations Advance—Palm and Palm Kernel Oils Steady—China-wood, Rapeseed and Soya Bean Oil Prices Hold—Tallow Firm—Animal Oils and Greases Quoted at Unchanged Prices—Fish Oils Dull

#### PRICE CHANGES IN NEW YORK

(Stocks in First Hands)

##### Advanced

Cottonseed Oil, Crude, ¼¢ lb.

P. S. Y., ¼¢ lb.

##### Declined

Coconut Oil, ¼¢ lb.

Linseed Oil, 0.1¢ lb.

#### Trend of the Market

|                                 | Today  | Last Week | Last Month | Last Year | War Peak | Pre-War |
|---------------------------------|--------|-----------|------------|-----------|----------|---------|
| Cod Oil, N F .....gal.          | \$ .70 | \$ .70    | \$ .60     | \$ .60    | \$ 1.25  | \$ .25½ |
| Degras, American, bbl. .lb.     | .04¼   | .04¼      | .04¼       | .04¼      | .25      | .03½    |
| Lard No 1 .....gal.             | .91    | .91       | .95¼       | 1.00      | 2.90     | .92     |
| Menhaden, crd tks .....gal.     | .55    | .55       | .55        | .58       | 1.20     | .33     |
| Neatsfoot, 20 deg c t. ....gal. | 1.27¼  | 1.27¼     | 1.27¼      | 1.30      | 8.45     | .95     |
| Red Oil, distilled .....lb.     | .11¼   | .11¼      | .11¼       | .11¼      | .17      | .07     |
| Stearic, Acid, T P .....lb.     | .18    | .18       | .18        | .16       | .33      | .12     |
| Coconut, Ceylon, tks .....lb.   | .10½   | .11¼      | .12½       | .11½      | .30      | .14     |
| Cottonseed crude, tks .....lb.  | .08½   | .08½      | .09        | .10       | .25      | .08     |
| Linseed crude .....gal.         | .90¼   | .91¼      | .96        | 1.13      | 1.85     | .37     |
| Olive, denatured .....gal.      | 1.23   | 1.23      | 1.23       | 1.30      | 4.50     | 1.05    |
| Peanut, refined .....lb.        | .15    | .15       | .15        | .16       | .30      | .08     |
| Soya Bean bbls .....lb.         | .13¼   | .13¼      | .13¼       | .14       | .19¼     | .07     |
| Average .....                   | 4.91   | 4.92      | 4.95       | 5.26      | 5.92     | 1.56    |

Prices of vegetable oils were rather easy during the week due to absolute lack of consuming demand, but shading was slight and weakness was present in very few items. Coconut oil prices continued downward due to speculators unloading in the dull period, but recovery is anticipated after the turn of the year. Cottonseed oil was quite active and quotations advanced on all positions. Linseed oil was inactive and seed markets displayed only slight improvement. Imported oils are firmly held in most instances and prices are expected to remain steady on these products until after the turn of the year when consumers will again be buying.

Animal oils and fats continued very quiet throughout the week and quotations showed no change on any product. Demand was very slight, but renderers were content to hold stocks at firm quotations. Producers of fish oils were likewise firm in their quotations and shading was not indulged in to any noticeable extent.

#### Vegetable Oils

**Castor Oil**—The situation remains weak due to the small demand throughout the past year which has resulted in continued price reductions. Consumers are not anxious to cover requirements ahead owing to this condition. Quotations are given at last week's reductions.

**China-wood Oil**—Leading importers continue to control the market in all directions and no weakness is apparent in any quarter. Tanks at Pacific Coast are still quoted at 11½¢@11¾¢ lb; spot tanks at 12½¢@12¾¢ lb; and spot barrels at 13¢@13½¢ lb.

**Coconut Oil**—Situation remains in unsettled state due to unloading of stocks by speculators who have apparently held on too long. Spot tanks of Ceylon and Manila oil at Pacific Coast are offered at 10½¢ lb; and

spot tanks at 11¢@11¾¢ lb. Futures continue easy with spot tanks for Jan. offered at 10¾¢ lb; Feb. at 10¾¢ lb; and March at 10¾¢ lb.

**Corn Oil**—Market remained steady throughout the week with crushers naming unchanged prices. Demand has been very slight and stocks are fairly large although not burdensome.

**Cottonseed Oil**—Crude oil is stronger and tanks at mills are held on a basis of 8¾¢ lb. Prime summer yellow oil is decidedly more active and prices have advanced quite markedly. Spot oil is quoted at 10.6¢ lb. Opening quotations this week on futures were as follows: Dec. 10.6¢ bid, 10.65¢ asked; Jan. sold at 10½¢@10.66¢ lb; Feb. 10.3¢ bid, 10.6¢ asked. March sold at 10.57¢@10.59¢; April 10½¢ bid, 10.7¢ asked; May 10¼¢ bid; 10.88¢ asked; June 10.9¢ bid, 11¢ asked; July sold at 11.01¢@10.98¢.

**Linseed Oil**—Crushers reduced quotations further during the week and are now naming an open quotation of 12.1¢ lb for carlots of barrels spot or for Dec.-April shipment. While this price was subject to shading on bids at the close of last week, crushers are now quite firm at that price due to advances in seed quotations. Buying has been very slight although consumers will probably rush in to cover some of their requirements if the market displays an upward tendency. London quotes oil at 35s 112 lb; and Antwerp names 357½ 100 kilos. Seed market opened the week as follows: Winnipeg Dec. \$2.25; May \$2.33½@2.34; July \$2.33; Duluth Dec. \$2.54½; Jan. \$2.53 bid; Feb. \$2.57½ asked; May \$2.60; Minneapolis Dec. \$2.52½ nom.; May \$2.60¼ bid; Buenos Aires Feb. \$1.79¾.

**Olive Oil**—Importers of denatured oil remain firm in their quotations despite the lack of demand. Stocks on spot and goods bought for arrival are not over-large and no weakness is anticipated. Edible oil is steady at unchanged prices.

**Olive Oil Foots**—Market remains firm in all directions owing to shipment and spot goods being named at the same prices for some time past. This has made it impossible for goods to fall into the hands of low-priced sellers to any great extent. A firm steady market is forecast for the first quarter of the coming year.

**Palm Oil**—Prices on palm oil continued to hold despite the quiet situation. Importers named unchanged figures on spot and shipment of both Lagos and Niger grades.

**Palm Kernel Oil**—Prices remain at recent reduction in all quarters but the market is very firm and strong upward tendencies are apparent. Spot goods are named at 10½¢@10¾¢ lb for casks, and 10¾¢@10¾¢ lb for barrels.

**Rapeseed Oil**—Situation remains easy and prices are named at recent figures. Spot stocks are not excessive, but demand is slight and the shipment market is in none too firm a state.

**Soya Bean Oil**—Prices are firm and unchanged from leading importers who are in possession of practically all the available oil. Shipment quotations are firm at unchanged figures.

#### Animal Oils

**Greases**—Makers quote firm unchanged prices on all grades although the demand is of small proportions.

**Lard Oil**—Quiet but firm condition reported by makers who name prices at last week's figures.

## DRUG & CHEMICAL MARKETS

1805

**Neatsfoot Oil**—All grades continue to move in a small routine way. Makers quote firm prices that show no variation on any grade.

**Oleo Oil**—Market is in a quiet condition although quotations from makers are unchanged on all grades. A satisfactory demand is anticipated after the turn of the year.

**Tallow**—Prices on city extra loose remained steady at 9 $\frac{3}{4}$ c lb throughout the week. Very slight interest was displayed on the part of consumers, but renderers did not have any noticeable excess supplies on hand.

### Fish Oils

**Cod Oil**—Demand small for prompt delivery, but satisfactory orders are reported to have been placed for shipment in January at quoted prices.

**Menhaden Oil**—Dull condition reported with an improvement anticipated after the turn of the year. Prices show no change in any quarter.

## INCREASE IN EXPORT OF ITALIAN OLIVE OIL (Special Correspondence to DRUG & CHEMICAL MARKETS)

Genoa, Italy, December 15, 1925—The demand for olive oil for export is larger and prices have risen in some cases. The demand on the part of the United States has increased. Quotations are as follows per 100 kilos: Riviera Ponente fine new, lire 970 to 980; Bari extra, lire 1,040 to 1,050; Bitonto extra, lire 1,100 to 1,120; Molfetta extra, lire 1,090 to 1,110; Calabria extra, lire 950 to 1,000; Sardegna fine, lire 950 to 1,000; Toscana fine, lire 1,000 to 1,100; Lecce fine, lire 950 to 1,000; Abruzzi fine, lire 980 to 1,000; refined olive oil, lire 1,000 to 1,025.

Quotations for foreign olive oils, c. i. f. Genoa, are as follows per 100 kilos: Tortosa olive oil, pesetas 285 to 290; Aragona olive oil, pesetas 280 to 285; Borjas olive oil, pesetas 270 to 280; Andalusian olive oil, pesetas 245 to 250; Malaga olive oil, pesetas 220 to 225; refined Spanish olive oil, pesetas 245 to 250; Tunis olive oil, first quality, francs 900 to 925; second quality, francs 870 to 875. (\$1 = lire 24.50. £ sterling = lire 119.50).

Most Italian oils for producing soaps have been reduced in price. Quotations at Genoa are as follows per 100 kilos: green olive oil, 440 to 445 lire; Lagos palm oil, 500 to 510 lire; bleached palm oil, 550 to 560 lire; Ceylon coconut oil, 580 to 600 lire; bone grease, 500 to 510 lire; English tallow 550 to 560 lire; raw linseed oil, 550 to 555 lire; boiled linseed oil, 560 to 565 lire; colza oil, 640 to 650 lire; denatured colza oil, 615 to 620 lire; English castor oil, 630 to 640 lire. One dollar equals 24.50 lire.

## LOOK FOR DIATOMACEOUS EARTH MARKET

Large deposits of comparatively pure diatomaceous earth exist in various parts of Nevada, but the profitable mining and marketing of the material is at present limited to the production of small quantities for local consumption and to the shipment of small lots for miscellaneous uses, says the Bureau of Mines, Department of Commerce. That consumption is only local, is due to the occurrence of large deposits elsewhere of diatomaceous earth more favorably situated with regard to transportation facilities, markets, and to the competition of producers who have highly specialized plants in operation. The Bureau of Mines suggests three fields in which the consumption of diatomaceous earth is sufficient to consider them as outlets for the Nevada material. These are the building trades field, production for use as insulation, and production for use in filtration.

National Powder Paint Co., has been chartered under the laws of Delaware to manufacture paints. It is to have a capital stock of \$100,000 and will be located at Philadelphia.

## ESTIMATE OLIVE OIL CROP LARGER

(Special to DRUG & CHEMICAL MARKETS)

Washington, D. C., Dec. 23—Olive oil production in Italy, the second country in importance in oil production in the Mediterranean Basin is now estimated at 331,000,000 pounds, according to a cable just received in the Department of Agriculture from the International Institute of Agriculture at Rome. This is 100 per cent more than an earlier consular estimate of 165,000,000 pounds and would indicate a production of only 27 per cent less than last year's 456 million pounds instead of 64 per cent less as previously reported. Production of olive oil in France, on the mainland and in Corsica, is estimated by the government expert, M. Bonnet, not to exceed 15 million pounds, according to United States Consul Davis at Paris. This is the lower limit set by previous estimates ranging from 15 to 22 million pounds.

Although earlier forecasts of lower production of olive oil this season are now generally confirmed, the new estimates for Italy and France add considerably to the indicated supply, bringing the total oil production for the countries of the Mediterranean Basin so far reported from 1,040 million to 1,060 million pounds, as previously reported, up to between 1,205 million and 1,216 million pounds. This is about 25 per cent below the total of the latest available estimates of 1,608 million pounds, for the same countries last year, rather than a 35 per cent reduction, as previously reported. The olive orchards of France are composed of old trees, most of which should be uprooted and replaced, according to Consul Davis. Their vitality is weakened to such an extent that they no longer bear fertile flowers, or when they do the green fruit may fall without apparent cause. The small production of France is due to some extent to neglect of trees but the principal cause of the decline is the competition of other olive oils produced in great quantities in Spain and Italy and so treated in the Marseilles factories that they closely imitate the native oil. French domestic consumption is also turning very largely to the cheaper peanut oils and coconut butters.

In order to attract the shipment of vegetable oils to Seattle, port officials there have eliminated the handling charge of one dollar a ton. The charges at Portland, Ore., are 40 cents a ton, and at San Francisco 60 cents a ton. San Francisco port authorities declare that the change will have no effect on the movement of vegetable oils, since shipments received there are largely for local factories, there being but little movement in tank cars for other places.

Soya bean imports declined during 1925, and the total for first ten months ending October was 11,915,254 lb, against 13,188,823 lb for first ten months of 1924. The value of 1925 was higher at \$1,261,345; against \$1,060,555 for 1924.

Olive oil foots imported in first ten months of 1925 advanced sharply to 32,357,413 lb, valued at \$2,553,235; against 22,720,105 lb, valued at \$1,972,336 for corresponding period of 1924.

National Oil Products Co., and its subsidiary, the Metasap Chemical Co., are to hold their joint sales conference and outing at Southern Pines, N. C., during the first week in January.

E. M. Brennan, formerly with the American Cotton Oil Co., has become chief engineer of Bauer Bros. Co., Springfield, Ohio, manufacturers of oil mill grinding and separating machinery.

Maine produces 25 per cent of the feldspar in the United States.

## Miscellaneous Raw Materials

Heavy Chemicals 1818-1836, Tan and Dyestuff 1818-1836, Fatty Oils, 1837

### BETTER ACTIVITY IN TANNING WOODS

Lower Prices for New Crop Material, Encourage Buying—Fertilizer Materials at Standstill—Starches and Dextrins Quiet—Metals Generally Steady—Lower and Common Grades Rosins Lower—Clays and Fillers Quiet

#### PRICE CHANGES IN NEW YORK (Stocks in First Hands)

##### Advanced

Ammonium Sulfate, Exp 5c 100lb. Turpentine, 1c gal.  
Rosin: K 25c 280 lb. Valonia, mix., \$1.00 ton.  
M 10c 280 lb.

##### Declined

Copper, Lake, 1/4c lb. Rosin: B, 30c 280 lb.  
Divi Divi, \$2.00 ton. D, 22 1/2c 280 lb.  
Silver, 1/4c oz. E 20c 280 lb.  
Myrobalans, J2's, \$1.00 ton. F 15c 280 lb.  
Sumac, grd. Sic., \$5.00 ton. G, H, I, 5c 280 lb.  
Tin, Straits, 1/2c lb. Wattle Bark, 10c ton

Raw materials used in the chemical consuming industries close the year in a fairly good run of buying with little of actual interest in the way of changes. Some improvement was noted in the buying of tanning woods, following lower prices on new crops. Fertilizer materials are at a standstill due to the usual between-season dullness, combined with holiday lull. Prices were unchanged although some weakness was seen in ammoniates in Chicago. Some uncertainty is expressed as to the future condition of starches and dextrins, due to the size of the corn crop and lack of definite information as to its final disposition. Prices here too are

unchanged. Metals continue on a generally firm tone with a few price fluctuations noted but of minor significance. Naval stores showed some further recessions in the lower and common grades of rosins with the refined grades firm and unchanged. Contracts are now being placed in clays and fillers but there is no basic change in the position or price of any of them.

### ACCELERATORS

**Diortho-Tolyl-Guanidine**—Market remains quiet but steady in all directions and makers quote unchanged prices of \$1.10@1.13 lb.

**Diphenyl-Guanidine**—Unsettled condition continues, and although many makers are firm and unchanged in their quotations at 95c@98c lb, cutting to 85c lb is indicated by some factors.

**Hexamethylene**—Demand has decidedly lessened for this product, and although prices are unchanged, the market is very easy.

**Triphenyl-Guanidine**—Market quiet but fairly steady. Quotations are unchanged in all directions.

### ALBUMENS

**Blood**—Market is quiet with prices unchanged.

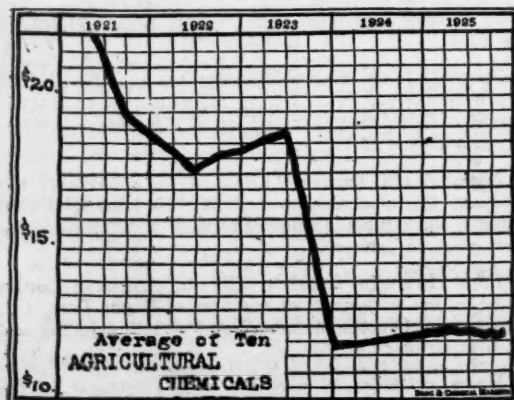
**Egg**—Demand in this market is not excessive and prices are quiet at recently reduced figures. Positions at primary sources continue firm.

**Vegetable**—Continued active demand is reported with prices firm for both technical and edible at the same figure.

## Agricultural Chemicals

|                            | Today   | Last Week | Last Month | Last Year | War Peak | Pre-War |
|----------------------------|---------|-----------|------------|-----------|----------|---------|
| Acid Sulfuric, 66%.....ton | \$14.00 | \$14.00   | \$14.00    | \$14.00   | \$35.00  | \$20.00 |
| Ammonium Sulfate, 100lbs.  | 2.95    | 2.95      | 2.75       | 1.75      | 2.65     |         |
| Arsenic.....lb.            | .03     | .03       | .08        | .06       | .18      | .04     |
| Copper Sulfate.....100lbs. | 4.45    | 4.45      | 4.65       | 20.00     | 4.05     |         |
| Paris Green.....19         | .19     | .19       | .25        | .50       | .11      |         |
| Potash Muriate, 90% ton.   | 34.90   | 34.90     | 34.90      | 34.55     | —        | —       |
| Potash Sulfate, 90% ton    | 45.85   | 45.85     | 45.85      | 44.00     | 48.07    |         |
| Phosphate, Acid, 16%, ton. | 10.00   | 10.00     | 9.50       | 9.50      | 11.00    | 3.00    |
| Phosphate Rock, 68%.....   | 2.75    | 2.75      | 2.65       | 2.25      | 11.00    | 3.00    |
| Sodium Nitrate.....100lbs. | 2.63    | 2.63      | 2.45       | 5.00      | 1.90     |         |

Average.....11.785 11.785 11.672 11.599 103.50 19.84

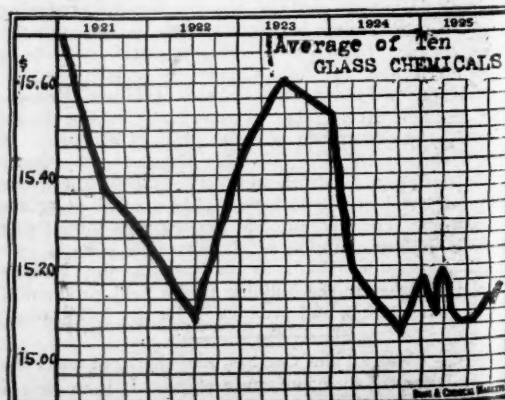


INDUSTRIAL CHEMICAL SECTION

## Glass Chemicals

|                              | Today  | Last Week | Last Month | Last Year | War Peak | Pre-War |
|------------------------------|--------|-----------|------------|-----------|----------|---------|
| Arsenic.....100lbs.          | \$3.00 | \$3.00    | \$6.25     | \$18.00   | \$4.00   |         |
| Fluor spar 96% c. i. f. ton  | \$3.50 | \$3.50    | \$3.50     | \$6.00    | \$2.00   |         |
| Limestone ground.....ton.    | 4.50   | 4.50      | 4.50       | 8.50      | 4.00     |         |
| Litharge.....100lb.          | 11.50  | 11.50     | 11.75      | 17.00     | 9.00     |         |
| Salt Cake.....ton.           | 19.00  | 19.00     | 18.00      | 40.00     | 15.00    |         |
| Silica, crude.....ton.       | 6.00   | 6.00      | 6.00       | 20.00     | 8.00     |         |
| Soda Ash Dense.....100lb.    | 1.45   | 1.45      | 1.45       | 4.10      | .69      |         |
| Sodium Silicofluoride 100lb. | 4.25   | 4.25      | 4.00       | 10.00     | 3.50     |         |
| Sodium Sulfate, anhy. 100lb. | 3.00   | 3.00      | 3.00       | 8.00      | 2.50     |         |
| Tin Oxide.....100lb.         | 66.00  | 66.00     | 58.00      | 100.00    | 60.00    |         |

Average.....15.220 15.220 15.220 14.435 28.56 18.07



### CLAYS AND FILLERS

**Barytes**—Market steady and quiet with prices unchanged.

**Blanc Fixe**—Prices unchanged with routine demand continuing.

**China Clay**—Contracts and spot movements both reported routine with some hesitancy evident in writing next year's business. Prices unchanged.

**Talc**—Routine movement continues at unchanged prices.

**Whiting**—This item continues somewhat easy with prices unchanged at recent reductions.

### COLORS AND PIGMENTS

**Blues**—Iron blues remain in a sharply competitive condition in all quarters. Prices are given at 31c@33c lb as to quantity.

**Greens**—Chrome green prices remain unchanged from makers, and severe competition tends to keep the market in an unsettled state.

**Reds**—Para-toner is quiet but steady at 85c@90c lb. Lithol red is unchanged at 85c lb. Toluidine toner quotations are steady at \$1.75@\$1.90 lb. English vermilion is named at \$1.45 lb

### DYE AND TAN WOODS

**Divi Divi**—Some buying has been evident with prices now down to \$48.00 ton.

**Logwood**—Market continues quiet with prices firm and unchanged at recent advances.

**Mangrove**—There has been no change in this item, which is moving normally.

**Myrobalans**—J1's are a trifle easier at \$43.00@\$45.00 ton with J2's unchanged. R's are quiet due to quality of this year's crop.

**Sumac**—Continued lack of buying interest has caused Sicilian holders further to reduce their price to \$95.00 ton.

**Valonia**—Mixtures are a trifle higher at \$40.00 ton with beards and cups unchanged.

**Wattle Bark**—This is easier at the reduced price of \$39.50@\$40.00 ton, with fair activity reported.

### EXTRACTS

**Archil**—Fair activity continues to characterize this item with prices unchanged.

**Chestnut**—Prices are steady and unchanged with routine demand reported.

**Cutch**—Both Borneo and Rangoon are steady with prices at recently announced levels and demand quiet.

**Fustic**—This item continues fairly active with prices unchanged.

**Logwood**—Market is firmly maintained by position of the sticks. Prices are unchanged.

**Quebracho**—Prices continue unchanged with demand routine and general position unchanged.

### FERTILIZERS

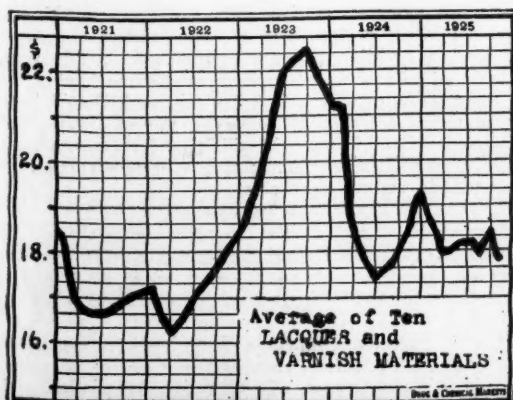
**Ammoniates**—Trading has been practically at a standstill, due to a combination of between season dullness and usual holiday inactivity. Some weakness is evident in Chicago, but prices in tankage, blood, bone, fish scrap and nitrogenous materials are unchanged at recently announced figures.

**Ammonium Sulfate**—Offerings for export are not plentiful and the price has advanced to \$2.90 100 lb f. a. s. Material for domestic consumption is unchanged.

**Cyanamid**—There has been no change in this situation.

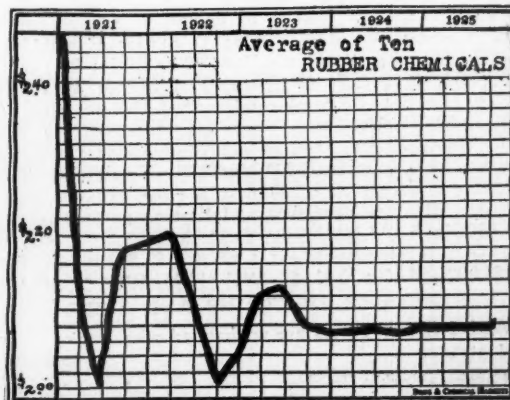
## Lacquers and Varnishes

|                            | Today  | Last Week | Last Month | Last Year | War Peak | Pre-War |
|----------------------------|--------|-----------|------------|-----------|----------|---------|
| Acetone, c/l drs wks 10lb. | \$1.20 | \$1.20    | \$1.20     | \$1.20    | \$5.50   | \$1.05  |
| Butyl Al, drs wks 10lb.    | 2.00   | 2.00      | 2.00       | 2.80      | —        | —       |
| Chinwd Oil, bbls NY 10lb.  | 1.30   | 1.30      | 1.35       | 1.55      | 2.00     | .63     |
| Copal Congo, Amber 10lb.   | 1.00   | 1.00      | 1.00       | 1.00      | 1.90     | 1.80    |
| Fusel Oil, gal.            | 1.80   | 1.80      | 1.90       | 2.80      | 4.00     | 2.50    |
| Benz 90% tks wks 10 gal.   | 2.40   | 2.40      | 2.40       | 2.30      | 3.00     | 2.50    |
| Linseed Oil, c/l bbls gal. | .9084  | .9114     | .96        | 1.13      | 1.88     | .53     |
| Rosin F grade Y 26lb.      | 1.89   | 1.45      | 1.45       | .77       | 1.70     | .43     |
| Soluble Cotton 10lb        | 4.00   | 4.00      | 4.00       | 4.00      | —        | —       |
| Turpe c/l ex-dock gal.     | .981/2 | .971/2    | 1.08       | .831/2    | .70      | .49     |
| Average                    | 1.694  | 1.704     | 1.729      | 1.823     | —        | —       |



## Rubber Chemicals

|                          | Today  | Last Week | Last Month | Last Year | War Peak | Pre-War |
|--------------------------|--------|-----------|------------|-----------|----------|---------|
| Antimony, Sulfide Crim.. | \$1.39 | \$1.39    | \$1.39     | \$1.39    | \$1.45   | \$1.30  |
| Carbon Bisulfide         | .06    | .06       | .06        | .06       | .50      | .10     |
| Carbon Black cases N Y.  | .12    | .12       | .12        | .10       | .30      | .14     |
| China Clay, Imp.         | 16.00  | 16.00     | 16.00      | 16.00     | 20.00    | 14.00   |
| Hexamethylene            | .821/2 | .821/2    | .821/2     | .821/2    | 1.35     | —       |
| Iron Oxide, Span         | .03    | .03       | .03        | .03       | .041/2   | .05     |
| Lithopone                | .061/2 | .061/2    | .061/2     | .061/2    | .08      | .04     |
| Sulfur                   | 3.05   | 3.00      | 3.00       | 3.05      | 6.50     | 2.75    |
| Whiting, Dom.            | 14.00  | 14.00     | 14.00      | 14.00     | 20.00    | 11.00   |
| Zinc Oxide, Amer.        | .081/2 | .081/2    | .081/2     | .08       | .091/2   | .09     |
| Average                  | 3.462  | 3.462     | 3.462      | 3.458     | 5.937    | —       |



**Acid Phosphate**—Prices are steady with demand rather quiet at the moment.

**Phosphate Rock**—Activity continues good with market firm at recently advanced prices.

**Potash Salts**—These continue to move routinely with prices steady at guaranteed figures.

**Sodium Nitrate**—See Heavy Chemical Market.

#### INSECTICIDES AND FUNGICIDES

**Calcium Arsenate**—Stocks in makers' hands remain greater than the total consumption for the past season. Prices of 6c@6½c lb are possible.

**Lead Arsenate**—Situation shows no change and producers are still undecided as to prices for the coming season.

**Paris Green**—Demand is practically at a standstill in all directions. Nominal quotations show no variation but the market is in a soft condition.

#### METALS

Antimony remains firm at last week's advance to 22c @22½c lb. Copper is slightly easier with Lake lower at 14½c lb, and electrolytic unchanged at 14½c lb. Lead prices remain firm and unchanged at 9½c lb at New York, and 9½c lb at East St. Louis. Silver is lower at 68½c lb. Tin prices have been shaded to 63c lb. Zinc is fairly steady at 9c lb at New York, and 8½c@8¾c lb at East St. Louis.

#### NAVAL STORES

**Rosins**—Common and medium grades have declined and fine grades are firm at unchanged prices. Spot quotations are: B \$13.60; D \$13.70; E \$13.75; F \$13.85; G \$13.95; H \$14.00; I \$14.05; K \$15.35; M \$15.60; N \$16.10; WG \$16.40; WW \$16.60.

**Turpentine**—Spot quotations are slightly higher and holders of stocks quote 98½c@\$1.02 as to quantity and seller.

#### (Special Correspondence to DRUG & CHEMICAL MARKETS)

Savannah, Ga., Dec. 24—Turpentine closed steady at 93c on limited sales with 111 bbls. carried over owing to lack of bids. The closing price shows an advance of 2c over last week. A further recovery in prices is anticipated for January. Receipts for week totaled 780 bbls.; stocks today amount to 15,471 bbls.

Rosins closed firm with all offerings sold to two concerns. Demand has been fairly active during the week, but at the close slight weaknesses were apparent in common and medium grades. Further gradual declines are likely for the coming week. Much higher prices are forecast for late January or February. Closing quotations were: B \$12.10@12.15; D \$12.15; E \$12.15@12.20; F \$12.20@12.30; G, H, \$12.20@12.35; I \$12.35; K \$13.60; M \$14.00; N \$14.60; WG \$14.90; WW, X \$15.10. Receipts for week totaled 4,893 bbls.; stocks today are 99,671 bbls.

Jacksonville, Fla., Dec. 24—Turpentine closed firm at 93c@93½c with sales of 299 bbls. There were 236 bbls. left unsold on which a bid of 92½c for 100 bbls. was refused. Rosins closed firm at following quotations: B, D, \$12.25; E \$12.25@12.30; F \$12.30@12.40; G \$12.35@12.40; H \$12.40@12.45; I \$12.45; K \$13.60@13.85; M \$14.00@14.10; N \$14.60; WG \$14.90; WW, X, \$15.10.

#### STARCHES, DEXTRINS AND SIZES

**Amber Sorts**—Prices are unchanged with market firm and steady.

**Casein**—Market is firm at recently advanced price with demand routine.

**Corn Products**—Market is very quiet with prices un-

changed. Future developments are uncertain, due to lack of accurate information as to disposal and size of crops. Some change in prices of starch, dextrin, British gum, glucose and corn sugar seem likely after the first of the year, but whether it will be an advance or a decline is still a matter of speculation.

**Glue and Gelatin**—Prices are unchanged with demand fairly active and supplies plentiful.

#### NAVAL STORES WEAK AT BORDEAUX

##### (Special to DRUG & CHEMICAL MARKETS)

Washington, D. C., Dec. 30—The naval stores market in France is weak and influenced by the usual end of the year dullness, says a report to the Chemical Division of the Department of Commerce from American Consul Memminger, at Bordeaux. Quotations on December 23 were francs 800 per 100 kilos for turpentine and 325 for water white resin. These prices are equivalent to about \$12.65 per 280 pounds for rosin and 93c per gallon for turpentine. Supplies at the stills are reported to be light.

#### NAVAL STORE EXPORT VALUES RISE

##### (Special to DRUG & CHEMICAL MARKETS)

Washington, D. C., Dec. 30—Exports of naval stores, gums and resins during November were valued at \$2,145,612 as compared with \$1,688,200 exported during the same month of last year. For the eleven months ending November of this year, the value of the exports was \$30,168,273 as compared with \$23,244,225 for the same period of last year according to the Department of Commerce.

#### U. S. SULFATE AMMONIA EXPORTS GROW

Sulfate of ammonia imports into Dutch East Indies during the first eight months of 1925 were less than in the same period of 1924, but the United States increased its participation by a margin of over 6,000 metric tons and forced Great Britain to assume second place, says the Chemical Division of the Department of Commerce. During the first eight months of 1924 there arrived a total of 73,295 tons, of which Great Britain supplied 28,711 tons and the United States 27,031. In the same period of this year a total of 64,773 tons arrived, of which 29,111 came from the United States and 22,975 from Great Britain. Japanese imports of sulfate of ammonia to arrive during November and December, 1925, have been estimated at about 90,000 tons, of which 70,000 tons will be of German origin and 20,000 tons of United States and British origin. This estimate is 20,000 tons more than imports during a like period in 1924, the increase being attributed to the comparative cheapness of foreign supplies during the first half of this year, which led to a great amount of speculative buying. It is understood that Mitsui, Mitsubishi and Suzuki have come to an arrangement whereby the importation of German sulfate of ammonia will be undertaken on their joint account, thereby eliminating a certain amount of competition among themselves.

Germany is an active buyer of Argentine casein but the United States is still the principal outlet. In August, the exports amounted to 998,843 kilos, of which 466,540 kilos were sent to the United States and 355,063 kilos to Germany.

The Co-operative Brokerage Corp. has been organized to buy and sell fertilizers co-operatively for the Southern Carolina Cotton Growers' Co-operative Association, and will do business only with members of that association.

# BRITISH DYESTUFF CORP. LOST MILLION

That both the British Dyestuff Corp. and the British Government are very anxious to be rid of their allegiance to each other, and that a severance of present connections will entail a loss of a million in public money, is pointed out in an editorial recently in the "Oil & Colour Trades Journal" of London. They state: "There has always been a very strong suspicion that the talk of the urgent necessity of establishing the British dyestuffs industry on a sound basis lacked sincerity, and now it is clear that the British Dyestuffs Corporation, Ltd., wishes to be rid of its obligations to the Government; and the Government seems no less anxious to be free. The net result is a loss of over a million of public money, while British consumers of dyes have paid more for their materials than might have been the case had there been no Government interference. It now appears certain that the object of the British Dyestuffs Corporation, Ltd., is to amalgamate with German interests, and such an amalgamation may conceivably have a very serious effect on the independent makers in the United Kingdom.

"The only Government stipulations in regard to the sale of its shares are that not more than 25 per cent. of the share capital shall be held by foreigners, and that the Corporation shall keep in touch with Government officials as to matters of technical knowledge and research. A poor return for the expenditure of a million sterling, even if no other loss be incurred. When the British Dyestuffs Corporation, Ltd., and the German Dye Trust combine it is not difficult to imagine the unfortunate position of the British consumer.

"The question now is whether anything can be done to preserve an absolutely independent dye-producing trade in Great Britain. There is undoubtedly a great future for a properly conducted industry with ample capital at its back; and, if it be sufficiently powerful, it might contend successfully with a German amalgamation. This is a matter of paramount interest to the textile traders of the country, for, if nothing be done, this industry—and the lake pigment manufacturers—may have to contribute to the coffers of the 'Interessen Gemeinschaft.'

"Little has been said regarding the Dyestuffs (Import Regulation) Act. The Government wishes to wash its hands of the British Dyestuffs Corporation, Ltd., but so far it has not expressed a desire to relieve the dyestuffs industry of its presence entirely by the repeal of this Act. When so much zeal is being displayed for the extension of the Safeguarding of Industries Act, it cannot be expected that the Government will readily drop the Dyestuffs (Import Regulation) Act; but it would be futile to imagine that this matter will be allowed to pass without further comment."

Viscoloid Co., Leominster, Mass., has filed the following financial statement, assets cash \$263,639, accounts receivable \$528,339, notes receivable \$2,500, securities \$462,752, merchandise \$1,053,928, real estate and machinery \$1,557,324, good will \$200,000. Liabilities are accounts payable \$200,057, 60,000 shares of no par value stock \$2,406,630. Company is capitalized at \$1,500,000.

A Belgian patent for making rayon produces a hollow, tubular thread which gives softness to the goods. A leading Italian rayon company is said to be negotiating for the patent.

By-product coke production is briefly described in "The Ovens of Prosperity" by Charles Fitzhugh Talman, in "The Outlook," Dec. 23 issue.

# ITALIAN SUMAC EXPORTS DEAD

(Special Correspondence to DRUG & CHEMICAL MARKETS)

Palermo, Sicily, December 8, 1925—The tendency of the market of Palermo is lower. The demand on the part of foreign countries is at the moment quite non-existent, and if some business is concluded, this is for satisfying preceding engagements. The producers of the ground product have no wish to purchase when they have not secured precedingly the orders on the part of the exporters or consumers. Recent statistics show that the exportation of sumac has been reduced steadily. In 1922, were exported 5,015 tons of unground sumac, against 4,002 tons in 1923 and 2,771 tons in 1924. In the same periods, there were exported 15,250 tons, 13,327 tons and 1,176 tons of ground sumac. Quotations are today as follows per 100 kilos: masculine ground 190-195 lire; unground 185-190 lire; female 140-145 lire; neutral 150-155 lire. (\$1 = 24.50 lire.)

# SANTA CLAUS VISITS CHEMICAL SALESMEN

The Salesmen's Association of the Chemical Industry held their annual Christmas party at the Builders' Exchange, New York, Monday evening, Dec. 28. They were visited by Santa Claus who distributed suitable gifts to the various members. At the party, the committee distributed copies of "The Chemical Peddler," a facetious imitation of the various trade papers covering the chemical industry.

The second annual report of the receiver for the American Writing Paper Co., S. L. Willson, showed gross profits of \$1,158,000 against \$1,164,000 for the first year of the receivership with an average of about \$800,000 for the two years prior to the receivership. The company's net loss for the year ended October 31 was \$369,000 against \$289,000 for the previous year. The greater loss was due to the heavy payments on back taxes. The company's actual cash position has been improved.

Belgian imports of pyroxylin plastic in sheets, tubes, rods, and in bulk, during the first eight months of 1925 aggregated 214 metric tons, of which 91 tons were received from the United States. The principal use of pyroxylin plastic in Belgium is for the manufacture of motion picture films which is carried on in an establishment near Antwerp. The toy industry is also consuming pyroxylin plastic in increasing quantities.

Caustic potash to the amount of 1,129,576 lbs. was imported into the United States in October, of which 1,121,309 lbs. came from Germany and the balance from Czechoslovakia. During the same month 881,257 lbs. of potash cyanide came in, mostly from Canada. Potash carbonate imports for October were 708,901 lbs.

Paraguay imported 343,084 kilos caustic soda in 1924 and 340,989 kilos in the first six months of 1925. About 91 per cent of this came from United States and England, with United States now assuming the ascendancy. The principal use is in the manufacture of soap.

New York Chemical Co., 145 W. 24 street, has been organized by Albert Rubens, who recently dissolved partnership in the Rubens Chemical Co. and announced that he would not be responsible for the debts of the latter firm.

A series of talks on "San Francisco Bay Chemical Industries" is being given over broadcasting station KGO, San Francisco, by M. A. Bird, of the San Francisco Chapter of Alpha Chi Sigma, as a feature of the educational program of this station.

## QUOTATIONS ON CHEMICAL STOCKS

Closing Prices For Week Ending Dec. 26, 1926

| Bid                       | Asked   | Bid     | Asked |
|---------------------------|---------|---------|-------|
| *Air Reduction .....      | 109 3/4 | 111 3/4 |       |
| *Allied Chem & D .....    | 111 3/4 | 114 3/4 |       |
| *Allied C & D pf .....    | 130     | —       |       |
| *Am Ag Ch .....           | 26 1/2  | 26 3/4  |       |
| *Am Ag Ch pf .....        | 79 1/4  | 79 3/4  |       |
| *Am Chicle .....          | 48 3/4  | 49      |       |
| *Am Chicle pf .....       | 88      | 90      |       |
| *Am Cyan .....            | 143     | 150     |       |
| *Am Cyan pf .....         | 89      | 91      |       |
| *Am Druggists S .....     | 4 1/2   | 4 3/4   |       |
| *Am. Glue .....           | 47      | 50      |       |
| *Am. Glue, pf .....       | 106     | 109     |       |
| *Am Linseed .....         | 50 1/4  | 51 1/4  |       |
| *Am Linseed pf .....      | 84      | 85      |       |
| *Am Metal .....           | 52 1/4  | 53 1/4  |       |
| *Am Metal pf .....        | 116 1/2 | —       |       |
| *Am Zinc .....            | 8 1/4   | 8 3/4   |       |
| *Am Zinc pf .....         | 37 1/2  | 38 1/4  |       |
| *Archer Dan Mid .....     | 40 1/4  | 41 1/4  |       |
| *Archer Dan Mid pf .....  | 104     | 105     |       |
| *Atlas Powder .....       | 56 1/4  | 57      |       |
| *Atlas Powder pf .....    | 92      | —       |       |
| *By-Prod. Co. .....       | 46      | 49      |       |
| *By-Prod. Co. pf .....    | 102     | 105     |       |
| *Canad. Ind., Al .....    | 15 1/4  | —       |       |
| *Canad. Salt .....        | 105     | 115     |       |
| *Casein Co. .....         | 162     | 170     |       |
| *Celluloid Co. .....      | 20 1/4  | 22      |       |
| *Celluloid Co pf .....    | 73      | 77      |       |
| *Certain-treed Prod ..... | 45 1/4  | 49      |       |
| *Charcoal Iron .....      | 16      | 20      |       |
| *Ches. Mfg. .....         | 68      | 70      |       |
| *Ches. Mfg. pf .....      | 113     | —       |       |
| *Clark Co., Fred .....    | 70      | 74      |       |
| *Cleve Cliffs Iron .....  | 7 1/4   | —       |       |
| *Corn Sclv A .....        | 118 1/4 | 126 1/4 |       |
| *Do B .....               | 103 1/4 | 123     |       |
| *Corn Products .....      | 38 3/4  | 39 3/4  |       |
| *Corn Products pf .....   | 123 1/4 | 123 1/4 |       |
| *Davison Chem .....       | 39      | 40      |       |
| *Davison Chem pf .....    | 37 1/2  | 38      |       |
| *Dow Ch., pf .....        | 98      | 102     |       |
| *Dow Drug Co. .....       | 140     | —       |       |
| *Dow Drug Co. pf .....    | 108     | 108     |       |
| *DuPont Deb .....         | 100 1/4 | 101     |       |
| *DuPont de Nem .....      | 210 1/4 | 231     |       |
| *Eastman Kodak .....      | 109 1/4 | 110 1/4 |       |
| *Eastman Kodak pf .....   | 112     | 117 1/4 |       |
| *Freeport Tex .....       | 19 1/4  | 20      |       |
| *Gen Asphalt .....        | 63 1/4  | 65 1/4  |       |
| *Gen Asphalt pf .....     | 102 1/4 | 105 1/4 |       |
| *Gold Dust .....          | 45 1/4  | 46 1/4  |       |
| *Grasselli .....          | 19 1/4  | 19 1/2  |       |
| *Grasselli, pf .....      | 101     | 102     |       |
| Hercules Powder .....     | 135     | 140     |       |
| Hercules Powd pf .....    | 110 1/4 | 112 1/4 |       |
| Heyden Chem .....         | 2 1/4   | 2 3/4   |       |
| Hooker Electro .....      | 10      | 15      |       |
| Hooker Electro, pf .....  | 50      | 60      |       |
| *Household Prod .....     | 45 1/4  | 46      |       |
| *Int Agricult .....       | 19 1/4  | —       |       |
| *Int Agricult pf .....    | 75      | 85      |       |
| *Int Nickel .....         | 42 1/4  | 45      |       |
| *Int Nickel pf .....      | 98      | 101 1/4 |       |
| *Int Salt .....           | 84 1/4  | 94      |       |
| Lehn & Fink Prod Co ..... | 37 1/4  | 37 3/4  |       |
| *Mathieson Alk .....      | 101     | 104     |       |
| *Mathieson Alk pf .....   | 100     | —       |       |
| MacAnd & Forbes .....     | 177     | 182     |       |
| MacAnd & Forbes, pf ..... | 100     | 103     |       |
| Merc & Co. .....          | 56      | 58      |       |
| Merrimac .....            | 84      | 86      |       |
| Mulford Co. .....         | 30      | 33      |       |
| *National Lead .....      | 164     | 165     |       |
| *National Lead pf .....   | 116 1/4 | —       |       |
| Niag. A., pf .....        | 80      | 85      |       |
| N. Y. Zinc .....          | 205     | 210     |       |
| Parke, Davis & Co. .....  | 113 1/4 | 115     |       |
| Penn Salt .....           | 70 1/4  | 70 3/4  |       |
| *People Gas Chi .....     | 118 1/4 | 119     |       |
| Procter & Gamble .....    | 114 1/4 | 115     |       |
| Procter & Gam pf .....    | 158     | —       |       |
| Royal Bkg Powd .....      | 200     | 210     |       |
| Royal Bkg Powd pf .....   | 102     | 104     |       |
| Shawinigan .....          | 167     | —       |       |
| Sherwin-Will 1st pf ..... | 106     | —       |       |
| *Sterling Prod .....      | 80      | 80 1/4  |       |
| Swan & Finch .....        | 24      | 25      |       |
| Swan & Finch pf .....     | 20      | 30      |       |
| *Tenn C & Chem .....      | 13 1/4  | 14      |       |
| *Tex Gulf Sul .....       | 115 1/4 | 117 1/4 |       |
| Union Carbide .....       | 78 1/4  | 78 3/4  |       |
| *Un Drug .....            | 151     | 152 1/4 |       |
| *Un Drug 1st pf .....     | 55 1/4  | 55 3/4  |       |
| *Un Dyewood .....         | 12      | —       |       |
| *Un Dyewood pf .....      | 51 1/4  | 60      |       |
| Un Gas Imp .....          | 116     | —       |       |
| Un. Gas Imp. pf .....     | 58 1/4  | —       |       |
| U. S. Gypsum .....        | 158 1/4 | 159     |       |
| U S Indus Al .....        | 73 1/4  | 73 3/4  |       |
| *U S Indus Al pf .....    | 104     | —       |       |
| Va Car Ch .....           | 1 1/4   | —       |       |
| Va Car Ch cfs .....       | 1 1/4   | —       |       |
| *Va Car Ch pf .....       | 8 1/4   | —       |       |
| *Va Vivaudou .....        | 26      | 27 1/4  |       |
| Will & Baumer .....       | 173 1/4 | 174     |       |

\*Listed on New York Stock Exchange

| FOREIGN EXCHANGE                         |          | Per | Current    |
|--|----------|-----|------------|
| Great Britain (pound sterling) .....     | \$ 4 866 |     | \$4.84 3/4 |
| France (franc) .....                     | .193     |     | .037       |
| Italy (lira) .....                       | .193     |     | .040       |
| Belgium (franc) .....                    | .198     |     | .045       |
| Czechoslovakia (crown) per hundred ..... | 20 30    |     | 2.967      |
| Denmark (krone) .....                    | .268     |     | .248       |
| Germany (mark) .....                     | .238     |     | .238       |
| Holland (florin) .....                   | .402     |     | .401       |
| Norway (krone) .....                     | .258     |     | .202       |
| Poland (zloty) .....                     | .193     |     | .100       |
| Spain (peseta) .....                     | .193     |     | .141       |
| Sweden (krone) .....                     | .268     |     | .268       |
| Switzerland (franc) .....                | .193     |     | .193       |
| Argentina (peso) .....                   | .424     |     | .413       |
| Brazil (milreis) .....                   | .324     |     | .141       |
| Japan (yen) .....                        | .499     |     | .435       |
| China (silver dollar, Hongkong) .....    | .488     |     | .364       |
| (Tael-Peking, silver) .....              | 1.146    |     | .797       |
| (Tael-Shanghai, silver) .....            | 1.986    |     | .758       |

Stockholders of V. Vivaudou, Inc., will vote Jan. 5 on approving the purchase of the entire capital stock of Alfred H. Smith Co., owners of the American and Canadian sales rights of the Djer-Kiss toilet articles. The purchase price is to be \$1,500,000, plus inventory value and personal property.

Fleischmann Co. announces the issue of 4,500,000 new shares of no par common stock in exchange for the old 1,500,000 shares of no par common stock.

## New Incorporations

## In the Chemical, Drug, Oil Producing and Consuming Fields

La Frane Laboratories, New York, 500 shares, \$100 each; 1,000 common, no par. Chemists, E. T. Cyle, R. Okun, R. W. Rose. Atty., Smyth, Haggerty, King & Corcoran, 17 E. 42nd st., New York.

F. C. Westfall Co., Buffalo, N. Y., \$30,000. Chemists. F. C. Westfall, J. Pallison, C. J. Kleinsteinuber. Atty., H. W. Wills, Buffalo.

C. Bentley & Co., Camden, N. J., \$125,000. Manufacture fats, greases, etc. Chas. M. Bridge, Walter B. Wilkins and Helen M. Pohle, Camden. Atty., Bleakley, Stockwell & Burling, Camden.

Church & Dwight Co., Inc., Wilmington, Del., \$10,000,000. Manufacture chemicals. Corporation Trust Co. of America.

M. & E. Konner, Paterson, N. J., \$200,000. Manufacturing silks. Michael A. Konner, Edward Konner, David G. Smith, Paterson. Atty., Smith & Evans, Paterson.

Brownie Corp., Wilmington, Del., \$30,000,000; 200,000 shares of stock, of which 50,000 shares are convertible participating Class A stock, no par, and 150,000 shares of Class B, common, no par. Bottling. Corporation Trust Co. of America.

Dr. Robert J. Yost Co., Wilmington, Del., \$2,500,000. Medical manufacturing. Delaware Charter Co.

Hughes of Calif., Dover, Del., \$1,500,000. Confections. U. S. Corporation Co.

Caleb Crawford Co., New York, 100 common no par. Make chewing gum. S. Nadler, R. J. Johnson, P. Freedman. Atty., Frost, Watson & Cass, Albany.

Keuka Vineyards, New York, \$20,000. Flavors. P. F. and R. A. Wicksel, S. Kantor. Atty., B. H. Wicksel, 1440 Broadway.

Inter-Ocean Supply Corp., New York, \$50,000. Chemicals. J. L. Goldberg, M. M. Kries. Atty., S. H. Silverman, 395 Broadway.

Super Weave Glove Silks, New York, \$25,000. W. M. Gifford, W. A. Johnston, L. Cohen. Atty., Ward & Frankel, Gloversville.

Thomas Leeming Co., New York, 1,000 shares, \$100 each, 1,000 common, no par. Drugs. G. B. and L. B. Leeming, M. W. Daboll Atty., Cullen & Dykman, 177 Montague st., Brooklyn, N. Y.

Chemical Refining Corp. of Matawan, N. J., Keyport, N. J., \$50,000. Jack M. Braverman, Jacob H. Bernstein, Julia A. Larsen, Perth Amboy. Atty., Karkus & Karkus, Perth Amboy.

United Raw Silk Corp., New York, 500 shares, first preferred, \$100 each; 100 second preferred, \$1 each; 100 common, no par. L. Socher, M. Kanter, J. Forman. Atty., Stein & Salant, 1328 Broadway.

The stockholder customers of the Calvert Drug Co., a wholesale co-operative house at Baltimore, at their recent annual meeting, heard reports which stated that the company had done a business during the year covered of \$1,350,000, an increase of about \$85,000 over the previous year, and that the net profit had proved very satisfactory. There had been a gain also in the number of customers. Charles H. Knight, J. W. Dorman and W. E. Brown were re-elected directors. Another meeting will be held the latter part of January or the first part of February next. The stockholders also went on record as looking with disfavor upon all manufacturers who refuse to sell goods to the co-operative companies.

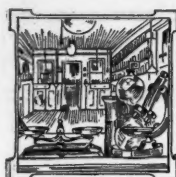
Directors of the Dow Drug Company, Cincinnati, have a declared a 20% stock dividend in addition to their regular quarterly dividend, both payable on Jan. 1 to holders on record Dec. 21.

Directors of the United States Rayon Corp. have declared an initial quarterly dividend of \$1.75 per share on the preferred stock, payable Jan. 2 to holders on record Dec. 30.

Fletcher American Co. of Indianapolis, are offering 17,500 shares of Hook Drug Co., Indianapolis, preferred stock, at \$25 per share.

Stockholders of MacAndrews & Forbes Co. will vote Dec. 29 on changing the authorized common stock from \$9,000,000, par \$100, to 600,000 shares of no par value.

Widder Drug & Chemical Co. has filed judgment in Kings County for \$177.62 against Nicholas Kurczy.



# Drug & Fine Chemical

## SECTION



### Opium Firmer on Mosul Political Situation

**Uncertainty in Mosul Disposal by League of Nations Prevents Free Offering—Fear of War Between Britain and Turkey—Distrust of Paper Currency Also Stiffens Primary Market**

Of vital interest to the medicinal trade, especially that part of it that uses morphine, and other opium derivatives, is the recent decision of the League of Nations with regard to who is to administer Mosul. If Turkey should decide not to abide by the decision of the League and attempt to enforce her claims to this territory with the use of arms, that would mean that all materials in the threatened area, awaiting shipment to consuming markets, would be held back. Before the League's decision was reached threats were heard from both sides that resort would be had to arms if the decision went adversely. As a matter of fact there has been no move made as yet since the rendering of the decision to oppose it by force, but the uncertainty that has been existing pending the decision, and that still exists, has already had its effects on the market for opium gum. It has been offering much less freely and cable reports this week from London indicate that some stringency is already felt there.

Another factor that is affecting this market is due to the Angora policy of adopting Western civilization and methods, by force if necessary. For the first time in the history of these people, the use of paper money has been introduced and is being rapidly pushed by the government. People in the agricultural districts are naturally a bit suspicious of this innovation and when attempts are made to pay for opium gum, or any of their other products in paper currency, they are inclined to charge a premium. This too is having its effect in advancing the prices for the crude opium gum as it is shipped to European markets. Other features which may also have a bearing on the market are the international interest in the narcotic situation, the generally advancing tendency of prices on the Continent, and crop conditions.

Herbert B. Potter, managing director of the Wingate Chemical Co. and Secretary-treasurer of Mallinckrodt Chemical Works, Ltd., Montreal, died at his residence, St. Lambert, Que., on December 17th in his 71st year. He had been in poor health for some time. Mr. Potter was born at Laconia, N. Y. and came to Montreal when a young man. He was a resident of St. Lambert and of the city suburbs for 25 years and took a prominent part in social and civic affairs. He was a leading member of the Knights of Columbus. A widow, three sons and two daughters survive him.

Wallace J. Smith, who has been general manager and secretary of the Read Drug and Chemical Co., at Baltimore for the past eleven years, has submitted his resignation effective Jan. 1. He did not announce future plans.

His successor will be Charles David, of the Liggett Company of New York. Mr. Smith went to Baltimore from the Riker organization, having had charge of the drug store of that corporation at Times Square, New York. Previous to holding that position he had been with the United Drug Co., for 14 years.

Walter J. Bullwinkle, in his weekly market letter, places this year's menthol production at approximately 11,000 cases, an excess of 4,000 cases over last year's output. While this should be a depressing influence on the market, he believes that now is an advantageous time to buy for future requirements, as refiners are likely to advance the market artificially, or failing that, next year's planting will be smaller and prices will again advance.

British Government officials at Singapore during April, May and June seized 299 pounds of morphine, 2,500 pounds of raw opium and 13,272 pounds of prepared opium, according to a report received by the League of Nations from the British Government. The morphine, reported coming from Basle, was being shipped by Russians aboard Japanese steamers from Antwerp to Dalny, near Vladivostok. The opium all came from China.

Results of the Wholesale Drug Trade Bowling Association's meeting of Dec. 14, are as follows, figures in parentheses being handicaps: Juniors (75) 888, Colgate 863; Colgate, 1003, Roessler & Hasslacher (28) 897; Lanman & Kemp (75) 1014, Colgate, 899; Lanman & Kemp (58) 920, Roessler & Hasslacher 802; Lanman & Kemp, 814, Juniors (16) 769; and Roessler & Hasslacher 862, Juniors (74) 821.

The five-story warehouse at 18 South Howard street, Baltimore, has been leased for ten years by the Read Drug and Chemical Co. The place adjoins the premises known as 20 South Howard st., and which have been occupied for some time by the Read Company as a warehouse for the storage of goods. The company conducts a number of retail drug stores in Baltimore.

Tannin is produced in two factories in Russia, the Mal-koper State Oak Extract Factory which produced 236,833 poods of 26 degree Baume extract in 1923-24 and the Extract Factory at Wassilkow which turned out 88,089 poods of extract. This is insufficient to meet the needs of the tanning industry and a large quantity is imported by the All-Russia Leather Syndicate.

Frederic Adrian Delano, Washington, has been appointed president of the League of Nations Commission of Inquiry into Persia, which is to investigate the feasibility of substituting other crops for opium.

Superior Chemical Co., Joliet, Ill., is planning to build extensive additions to its plant at a cost of \$50,000.

## The Fine Chemical Market

Current Spot Quotations for Fine Chemicals, see Chemicals pages 1818-1836

### PRICES STEADY ON INACTIVE MARKET

Holiday Lull Keeps Trading in Abeyance—Prices Show Little Change—Menthol Weaker—Mercury Shows Some Unsteadiness—Camphor Firmer—Alcohol Demoralization Continues—Methanol Firm

#### PRICE CHANGES IN NEW YORK

(Stocks in First Hands)

Advanced  
Thymol, 10c lb.  
Declined  
Menthol, synthetic, 75c lb.

#### Trend of the Market

|                              | Today  | Last Week | Last Month        | Last Year                       | War Peak | Pre-War |
|------------------------------|--------|-----------|-------------------|---------------------------------|----------|---------|
| Acetanilid .....             | \$ .35 | \$ .35    | \$ .35            | \$ .36                          | \$2.00   | \$ .20  |
| Acid Citric Import .....     | .45    | .45       | .45               | .46                             | 1.25     | .45     |
| Caffeine, Alkaloid .....     | 3.75   | 3.75      | 3.75              | 3.50                            | 13.00    | 3.65    |
| Calcein, American .....      | 1.45   | 1.45      | 1.45              | 1.22                            | 3.43     | .90     |
| Camphor, Jap ref .....       | .72    | .72       | .72 <sup>94</sup> | .67                             | 3.55     | .41     |
| Iodine, Resublimed .....     | 4.65   | 4.65      | 4.65              | 4.65                            | 5.00     | 3.75    |
| Menthol .....                | 7.50   | 7.50      | 8.65              | 12.75                           | 13.50    | 8.00    |
| Potassium Bromide, Cryst. .. | .48    | .48       | .48               | .48                             | 4.30     | .80     |
| Quinine Sulfate Imp .....    | .50    | .50       | .50               | .50                             | .90      | .25     |
| Sodium Salicylate .....      | .40    | .40       | .40               | .40                             | 4.25     | .37     |
| Strychnine Sulfate .....     | .42    | .42       | .42               | .40 <sup>1</sup> / <sub>2</sub> | 1.05     | .50     |

Average ..... 1.869 1.869 1.984 2.34 5.92 1.56

The market for fine chemicals was practically at a standstill during the week as buyers' interests were elsewhere except for actual immediate needs. Some trading did take place but it was principally a case of consumers who found themselves rather suddenly short and had to buy to cover these needs. With the week pretty generally curtailed by a day and a half, the volume of business was necessarily small, anyway. On such a market, new developments were naturally lacking. In the main, items which had weakened previously, remained weak or showed some additional weakness while items for which the market is usually steady, showed some slacking up in buying, but no real change in position. Promise of colder weather heartened the alcohol producers a bit but the spot situation has been so completely demoralized that little recovery is seen as yet. Menthol continues weak at around the same price quoted last week while camphor is reported steadily firmer from Japan as well as on spot. The acids, benzoates, salicylates, bismuths, mercurials and other pharmaceutical chemicals show no change in price and little change in position.

**Acetanilid**—Market remains steady with prices firm and unchanged.

**Acetphenetidin**—Normal business continues routine with no change seen either in regular demand or prices.

**Acid, Acetylsalicylic**—No change is seen in this market with prices steady, and lower in resellers' hands than from manufacturers.

**Acid, Benzoic**—Market continues steady with some lots held at below manufacturers' prices.

**Acid, Citric**—No new developments are seen in this market with imported goods just about able to compete with domestic at prices controlled by domestic manufacturers.

**Acid, Carbolic**—Prices are steady at recently announced prices with no change seen in actual demand.

**Acid, Gallic**—This item is firm at recently advanced price and market shows no real change attributable to this advance.

**Acid, Salicylic**—There is still keen competition in this market but prices are well maintained at quoted levels and market shows good seasonal demand.

**Acid, Tartaric**—Imported goods are no longer able to compete very satisfactorily with domestic since the import situation firmed up three weeks ago, by the announcement of a unified selling organization abroad.

**Alcohol**—The New York spot market remains weak, and although reputable distillers, whose field is more than local, are holding fast to their schedule prices there is a number of distillers who distribute only locally who have been unloading. Jobbers who have bought on the assumption that the market would be good at this time have also been forced to unload, with the result that prices in the Eastern section have broken badly. Spot goods have been offered at 40c gal. in drum for either No. 1 or No. 2 completely denatured.

**Amidopyrine**—Prices are unchanged on a routine market.

**Antipyrine**—Firmness continues to characterize this item with prices tending higher as soon as resale lots can be cleaned up.

**Bay Rum**—Demand continues of fair proportions with prices unchanged at recent reduction for the imported.

**Bismuth Salts**—Good routine demand continues with prices very firm at recent advance.

**Bromides**—Market is exceedingly quiet for all varieties of imported goods with prices unchanged. Domestic bromides are firm and steady.

**Camphor**—The position in Japan is much firmer, which coupled with exchange conditions, makes for a firmer market here. Stocks here are of sufficient size to prevent any advance as yet, however.

**Chloroform**—Prices are very firm although demand is not quite so active as it has been during recent months.

**Codliver Oil**—Demand on this market continues weak with prices unchanged. Very little import business is being done at present.

**Cream of Tartar**—Market firm with prices for both imported and domestic unchanged.

**Creosote**—Makers report good activity in this item at unchanged prices.

**Formaldehyde**—Production is fairly well sold ahead with prices unchanged.

**Fusel Oil**—Market is generally weak at unchanged prices.

**Glycerin**—There is a slight tendency to easiness in this market but prices seem well maintained at recent advances.

**Guaiaacal**—Crystals, liquid, and carbonate are all moving normally into consuming channels at steady prices.

**Hexamethylenetetramine**—Foreign competition continues to keep prices steady with demand fair.

**Hydroquinone**—Market unchanged with the recent reduction in one quarter exerting negligible influence.

**Iodine**—Crystals, tincture and salts are all firm and unchanged with demand of fair proportions.

**Menthol**—Spot market continues weak, although no actual price change has been effected this week. Large stocks are expected in January and may depress the market further. Some quarters anticipate higher shipment quotations right after the turn of the year, while others hold this to be extremely doubtful. Synthetic has been reduced to \$7.00 lb.

**Mercury**—Market is very quiet at the moment with prices open to a certain amount of shading but generally steady.

**Mercurials**—No change is seen in this group which is firm at recently advanced prices caused by the price of the metal.

**Methanol**—Market is firm with prices unchanged but a stronger tone shown.

**Phenolphthalein**—Prices are firm with demand steady and the market generally well maintained.

**Potassium Permanganate**—Open quotations remain unchanged but concessions are often made to encourage buying, which is somewhat slack at the moment. Replacements are said to be higher than spot prices for the imported.

**Santonin**—Actual demand is reported to be on the increase, being encouraged by the recent reduction in price which was made for that express purpose.

**Sodium Benzoate**—Prices are unchanged with competition somewhat less keen than it was earlier in the season. Demand has fallen off somewhat.

**Thymol**—Market is firmer and the price has again advanced to \$4.25@4.50 lb.

**Zinc Stearate**—Firmness continues to characterize this item with demand of a routine nature.

#### FINDS NO DUMPING OF METHANOL

Washington, D. C., Dec. 30—The Customs Service of the Treasury Department for a second time has found that there is no dumping of methanol on the American market from Germany.

Spanish production of glycerin is estimated at 2,500 tons annually, of which close to 1,000 tons are exported. Direct shipments of Spanish glycerin to the United States during 1924 amounted to only 2½ tons, but a considerably larger amount of Spanish glycerin reached the United States through intermediaries in France and England.

Merck & Co., have issued their daily memorandum calendar for 1926. The calendar is on light cardboard in the shape of a four page folder allowing a line for a day and is of convenient size for hanging on the wall beside the desk.

What is said to be the largest Epsom salt deposit in the world was recently uncovered at Orville, Wash. This is the only deposit containing crystals found in the free state in the United States.

Lord Shaughnessy, K. C. has been elected president of the Canadian Industrial Alcohol Co., Ltd., succeeding J. B. Waddell who is retiring after forty years of active responsibility for the affairs of the concern.

A number of chemists of the Province of Quebec are applying to the Provincial Legislature for incorporation under the name of "The Association of Professional Chemists of the Province of Quebec."

#### LEMON OIL ADVANCES IN LONDON

**Quiet Market With Few Changes—Orange Oil and Dutch Milk Sugar Firmer—Larger Collection of Valerian in Belgium—Ergot Easier**

(Special Cable to DRUG & CHEMICAL MARKETS)

London, Dec. 30—In a dull market with few changes, lemon oil advanced this week. Prices are mostly unchanged. Orange oil is firmer as is Dutch sugar of milk. Opium, tragacanth, and senega root are stronger. Ergot is easier, as are saffron and star anise oil. A larger collection of valerian root is reported from Belgium.

London, Dec. 17 (By mail)—Business this week has been exceptionally quiet, more especially in chemicals and drugs. Pepper has supplied the feature, having been in exceptionally heavy demand for all markets. Speculators have been in evidence and the price has advanced by fully 25% upon the already higher figures of last week. The Continent has been marked by persistent buyers for some time past of all grades and also of pimento, which is higher at 8d per lb. Latest prices Peppers are as follows: Singapore black spot 1s 5d per lb; Jan.-March f. a. q. 1s 5d to 1s 6d. Tellicherry 1s 5½d per lb spot and Jan.-March 15s 6d c. i. f. Lampong spot 1s 5d per lb; Oct.-Dec. 1s 2½d c. i. f.

**Cascara Sagrada**—1922 guaranteed 120s per cwt.; 1924 peel 62s per cwt.; 1925 peel, 52s 6d. All spot ex-wharf.

**Senega**—2s 11d per lb; steady.

**Balsam Tolu**—Firm; 4s 10d per lb.

**Sennas**—Tinnevely No. 1, 4d per lb; No. 2 3½d per lb; Alexandria, whole and half mixed, 6d per lb.

**Ergot of Rye**—Irregular. Portuguese sound new, 2s 10d per lb.

**Cornmint Oil** continues to be shipped to Seattle, according to latest reports from Japan. For shipment the market is easier at 15s per lb for Jan.-March, and is, it is evident, still being manipulated.

**American Peppermint Oil** is offered to arrive at 120s to 125s per lb c. i. f.

**Lemon Oil** is firm at 6s 6d per lb on spot, while prices for Jan.-March are generally quoted around 6s 3d per lb.

**Menthol** is scarcely mentioned. 33s per lb is about spot price, and no forward quotations are easily available.

**Cocoa Butter** is decidedly easier; some 300 cases of Brazilian origin were acquired cheaply after auction—when no bid was obtained—at 1s 0½d per lb in bond.

Denatured alcohol production in Uruguay has increased steadily during the past nine years. During the fiscal year 1924 production aggregated 2,085,752 liters as compared with 987,195 liters in 1916.

Russia produced 500 poods of mercury during September in the Donetz basin, according to the Chemist and Druggist, London. Next year's output is estimated at 8,400 poods.

Imports of molasses for October, 1925, amounted to 25,449,416 gals of which 23,828,639 gals. came from Cuba. The total value was \$1,742,638.

Imports of tartaric acid in October were 1,046,580 lbs. of which Italy shipped 739,310 lbs., Germany 202,160 lbs. and Holland 105,110 lbs.

## The Crude Drug Market

Current Spot Quotations for Crude Drugs, pages 1837-1841

### POWDERED IPECAC CONTINUES HIGHER

**Market Generally Quiet—Neither Buyers Nor Sellers Pressing—Welcome Relief Found in Spice Trade—Price Changes Few and of Relatively Minor Importance—Opium Firm—Agar Agar Easier for Shipment**

#### PRICE CHANGES IN NEW YORK (Stocks in First Hands)

| Advanced                    |                           |
|-----------------------------|---------------------------|
| Areca Nuts, 1c lb.          | Dogwood, 1/4c lb.         |
| Ipecac, Powd., 5c lb.       | Mustard, E. Y., 1/4c lb.  |
| Declined                    |                           |
| Agar Agar, shipment, 5c lb. | Cottonroot, Bark, 1c lb.  |
| Anise, Span., 1/4c lb.      | Gelsemium Foot, 1/4c lb.  |
| Burdock Root, 1/4c lb.      | Poppy Seed, Du., 1/4c lb. |
| Caraway, Du., 1/4c lb.      | Peppers, 1/4c lb.         |
| Celery Seed, 1/4c lb.       | Pimento, 1c lb.           |
|                             | Turmeric, 1/4c lb.        |

#### Trend of the Market

|                             | Today | Last Week | Last Month | Last Year | War Peak | Pre-War |
|-----------------------------|-------|-----------|------------|-----------|----------|---------|
| Aconite Root, USP .....     | \$.26 | \$.26     | \$.28      | \$.35     | \$.90    | \$.42   |
| Buchu Leaves, Short .....   | .58   | .58       | .60        | .76       | 4.00     | .85     |
| Cantharides Russian .....   | .60   | .60       | .60        | .85       | 9.00     | 2.10    |
| Cocculus Indicus .....      | .07   | .07       | .07        | .12       | .85      | .03     |
| Ergot, Spanish .....        | .75   | .75       | .80        | .60       | 4.50     | .54     |
| Insect Powder, pure .....   | .29   | .29       | .29        | .44       | 1.00     | .28     |
| Ipecac, Cartagena, powd. .  | 3.30  | 3.35      | 2.75       | 2.35      | 4.50     | 1.35    |
| Nux Vomica .....            | .05   | .05       | .05        | .05       | 1.45     | .07     |
| Opium gum .....             | 12.00 | 12.00     | 12.00      | 12.00     | 30.00    | 5.00    |
| Rhubarb Root, H D .....     | .35   | .35       | .35        | .35       | 1.75     | .15     |
| Tragacanth, No 1 ribbon. .  | 1.65  | 1.65      | 1.55       | 1.15      | 6.00     | 1.50    |
| Wild Cherry Bk. Thin nat. . | .08   | .08       | .08        | .08 1/2   | .21      | .07     |
| Average .....               | 1.670 | 1.665     | 1.617      | 1.35      | 5.28     | 1.60    |

The usual holiday slack in crude drug trading has made itself felt in this market during the week. With a day and a half out at the end of last week, the morning mails on Monday morning were reported as unusually heavy, and the slump for the year end is not as great as it has been in some years. There is reported to be very little selling pressure at the moment and still less buying pressure. On such a market it is natural that price changes should be negligible, and that is exactly the case. In the spice trade this lull in the market is welcomed as activity in a number of the items in this group has been unusually keen and has lasted long beyond the usual season. This has been due principally to the shortage of peppers this year and the attendant buying interest developed in that and allied items. In view of the fact that this present lull is of a holiday and year-end nature, there is no attendant weakness in the market, which is generally regarded as strong and firm. Stocks on hand are none too plentiful, as the buying prior to this period has been heavy and replacements in a large number of cases have not been forthcoming.

**Aconite**—Prices are firm and steady with no real change seen in the market situation.

**Agar Agar**—Shipment prices are again down to spot levels, with the market quiet. Buyers for shipment are apparently biding their time.

**Aloes**—There has been no change in this market, prices remaining firm.

**Anise**—Market continues generally firm with star strong at recent advance. Spanish is lower at 13 1/4c@13 3/4c lb.

DRUG AND FINE CHEMICAL SECTION

**Areca Nuts**—This item is reported higher and firmer at 18c@25c lb as to holder.

**Asafetida**—This item is generally firm with prices varying from 25c to 30c lb for the gum as to holder.

**Belladonna**—No change is seen in this market with prices firm and demand for the most part steady.

**Buchu**—Market is still weak, being depressed by the presence of goods brought in some time ago on a high market and 55c lb can be done, although most holders ask 58c@60c lb.

**Burdock**—This root is reported easier at 9c@10c lb.

**Calamus**—Bleached continues a strong item on the market, although there has been no further advance in the price this week.

**Cantharides**—Spot stocks are limited and shipments are not offering so freely. Prices as yet are unchanged.

**Cascara Sagrada**—This market is very firm and prices from the coast are strong. There has been no change in prices.

**Chamomiles**—Market is generally firm although it does not yet measure up to replacements. Prices range 19c@25c lb for Hungarian with Roman at 20c@25c lb.

**Colocynth**—Market is firm and steady at recent advance with no further change now in evidence.

**Cottonroot Bark**—This item is again reported easier at 13c@14c lb.

**Dandelion Root**—Market is quiet and unchanged at former prices.

**Digitalis**—Market is firm with prices showing an advancing tendency. Prices range 25c@30c lb as to holder.

**Dogwood Bark**—Jamaica bark has been showing a firmer tendency for some time and has now advanced to 10c@11c lb.

**Elm Bark**—There has been no further change in this item. Powdered remains firm at recent advance with other grades exceedingly firm and unchanged.

**Ergot**—The local market for ergot is exceedingly weak and the price is easy at 75c@80c lb. Many holders refuse to consider the lower level, as they say it cannot be replaced for that figure.

**Gelsemium**—This root is reported easier with the price down to 9c@10c lb.

**Goldenseal**—Increased firmness is reported in this item with some holders now asking \$5.20 for powdered, although \$4.90 could still be done in some directions. Whole is very firm but prices have not changed.

**Gums**—Gums are generally unchanged with firmness pervading the market. Arabic is steady, gamboge easy, olibanum, mastic, sandarac, gualiac and tragacanth firm.

**Insect Powder**—Prices are unchanged with market continuing firm, although sales are reported to be less active.

**Ipecac**—This item remains a feature on account of its scarcity. No change has been reported in the situation with regard to the whole, but powdered has advanced further to \$3.30 lb.

**Jaborandi Leaves**—There has been no further change, prices remaining quiet at recent decline.

**Linden Flowers**—This market is very firm at recent

advance with considerable doubt expressed as to possibility of meeting the lower price.

**Lycopodium**—Prices remain quiet and unchanged with position of stocks and demand steady.

**Malva**—There has been no change in the price of these flowers although the upper range on the blue flowers seems to prevail more than the lower range.

**Marjoram**—French leaves have at last been offered on spot and the price has been quoted down to 50c@55c lb. German and Chilean continue to be quoted on a "when released" basis.

**Musk Root**—Continued easiness characterizes this market with prices unchanged at recent decline. There has been no further change.

**Nux Vomica**—This item continues to move routinely into the market at unchanged prices.

**Opium Gum**—Added firmness is reported in the market abroad due to political uncertainty in the primary market.

**Orris Root**—Continues very firm with Florentine steady at unchanged levels, and Verona firm at recent advance. Stocks are generally somewhat limited, but little scarcity is anticipated.

**Rhubarb**—Some weakness is intimated in some quarters but the price is generally unchanged at former figures.

**Saffron**—Market is quiet with some intimations of \$30.00 for Spanish. Most holders, however, are holding to \$32.00@35.00 lb. American is unchanged.

**Sarsaparilla**—There has been no change in this situation with Mexican off the market and other varieties unchanged.

**Seeds**—Dutch caraway is slightly easier at 63/4c@7 1/4c lb with canary unchanged. Celery is also easier at 23 1/2c@24c lb. Dutch poppy is lower at 12c@13 1/2c lb and larkspur is unchanged.

**Spices**—Market is much quieter, due to holidays. English mustard is higher at 12 3/4c@13 1/4c lb. Peppers are a trifle easier with Aleppy at 35 1/2c@36c lb, Lampong at 35c@36c and Muntok at 41 1/2c@42c lb. Pimento is also easier at 17c@18c lb.

**Turmeric**—Madras and Aleppy are both easier at 8 3/4c@9 1/4c lb.

# CRUDE DRUG DEMAND ACTIVE IN GENOA

(Special Correspondence to DRUG & CHEMICAL MARKETS)

Genoa, Italy, December 15, 1925.—The demand for drugs is good, and sellers are making fair profits. Quotations are as follows per 100 kilos: Spanish anis, lire 750 to 760; Ceylon cinnamon, lire 2,450 to 2,525; chamomiles lire 750 to 1,000; Calcutta tamarinds, lire 240 to 250; Zanzibar cloves, lire 1,400 to 1,420; Geraci manna, lire 2,150 to 2,200; nutmeg, lire 3,200 to 3,300; Bari mustard, lire 445 to 450; Senna leaves lire 570 to 730; vanilla, Tahiti, 29,000 to 32,000 lire; Spanish saffron, lire 1,200 to 1,250.

Scammony resin, extracted from scammony root, is admissible free of duty under paragraph 1549 of the tariff act of 1922 rather than at 25 per cent ad valorem under paragraph 5, according to a decision of the board of general appraisers, in sustaining an appeal of R. Hillier's Son Co.

Hook Drug Co., which is to have its principal office for corporate purposes at Wilmington, Del., has been incorporated under the laws of that state with a capital stock of \$7,500,000.

## PRICE LIST CHANGES

on Proprietary Preparations and Toilet Goods by Manufacturers

Revisions in the wholesale price lists of pharmaceutical and proprietary products and toilet goods. N—New product. C—Correction of price schedule by manufacturer. A—Advance. D—Reduction. Where old price is omitted, it was not furnished by the manufacturer. Prices are listed as quoted by wholesale druggists and jobbers

| Name of Item  | Unit | Now          | Was    |
|---|------|--------------|--------|
| Winthrop Chemical Co., New York                     |      |              |        |
| A—Tablets Ferro-Sajodin, tubes of 20                | each | \$ .05       | \$ .63 |
| National Toilet Co., Paris, Tenn.                   |      |              |        |
| Nadinola Bleaching Cream, 22 drams                  | doz. | 8.00         |        |
| Nadinola Bleaching Cream, 10 drams                  | doz. | 4.00         |        |
| Egyptian cream                                      | doz. | 4.00         |        |
| Nadine Preparations                                 |      |              |        |
| Vanishing Cream                                     | doz. | 4.00         |        |
| Cleansing Cream                                     | doz. | 4.00         |        |
| Deodorant Cream                                     | doz. | 4.00         |        |
| Almond Lotion                                       | doz. | 4.00         |        |
| Coconut Oil Shampoo                                 | doz. | 4.00         |        |
| Face Powder   | doz. | 4.00         |        |
| Rouge Compact, Metal Box                            | doz. | 4.00         |        |
| Rouge Compact, Paper Box                            | doz. | 2.00         |        |
| Talcum Powder                                       | doz. | 2.00         |        |
| Lip Rouge   | doz. | 2.00         |        |
| Flesh Soap  | doz. | 2.00         |        |
| Perfume, Purse size                                 | doz. | 4.00         |        |
| Southern Flowers Preparations                       |      |              |        |
| Perfume 1 oz. size                                  | doz. | 18.00        |        |
| Perfume, Purse size                                 | doz. | 8.00         |        |
| Face Powder   | doz. | 8.00         |        |
| Tissue & Wrinkle Cream                              | doz. | 8.00         |        |
| Bleach Cream  | doz. | 8.00         |        |
| Creme Lotion  | doz. | 8.00         |        |
| Astringent Lotion                                   | doz. | 3.00         |        |
| Vanishing Cream                                     | doz. | 8.00         |        |
| Talc  | doz. | 6.00         |        |
| Milton-Jay Company, Chicago, Ill.                   |      |              |        |
| Its-Jake Injection                                  | doz. | 8.00         |        |
| Its-Jake Emulsion                                   | doz. | 8.00         |        |
| The Lesculene Co., Henderson, Ky.                   |      |              |        |
| C—Lesculene Pimple Cream, retails 60c               | doz. | 4.80         | 3      |
| G. B. Merriam, Lake Placid, N. Y.                   |      |              |        |
| Poinciana Cerate, tubes, retails 30c                | doz. | 2.40         |        |
| Poinciana Cerate, 2 oz. jars, retails 60c           | doz. | 4.80         |        |
| Poinciana Cerate, 8 oz. jars, retails \$1.50        | doz. | 12.00        |        |
| Poinciana Cerate, 16 oz. jars                       | doz. | DISCONTINUED |        |
| Bio-Medical Research Laboratory, Brooklyn, N. Y.    |      |              |        |
| N—Duretex   | doz. | 12.60        |        |
| C. P. Chemical & Drug Company, Inc., New York       |      |              |        |
| C. P.—Neo-Reargon, 5 gram vials                     | each | 2.25         |        |
| The George W. Luft Company, Long Island City, N. Y. |      |              |        |
| C—Tangee Lipstick, retails \$1.00                   | doz. | 8.00         |        |

The business of Nickells-Rowland Co., New York crude drug dealers, will be discontinued Jan. 1, 1926. The interests of the company have been purchased by Murray-Nickells, Inc., Chicago, who, it is said, will transfer the New York stocks to Chicago for distribution. Murray-Nickells, Inc., are believed by the trade to have been interested in the Nickells-Rowland Co. previous to this transaction.

William I. Greenfield, receiver for the Druggists' Exchange, Inc. of Philadelphia, has filed a final account of the affairs of the corporation with the Prothonotary of Common Pleas Court No. 5. Claimants may view the account at the Prothonotary's office. The court will consider confirmation of the account January 8. All exceptions must be filed before that time.

Hans R. Geyer, for many years connected with the sales staff of Stanley Jordan & Co., New York, has been elected secretary of the company to succeed James T. Schudts, recently resigned. W. E. Major was re-elected president and William C. Claasen, treasurer, at the same meeting.

American Dyewood Co., Chester, Pa., has plans for enlargements in its local mill, comprising a one-story structure, 50 x 500 ft., to be used for the manufacture of licorice paste and other specialties. Reported cost is \$80,000, with equipment.

## The Essential Oil Market

Current Spot Quotations of Essential Oils, pages 1841- 1842, Aromatic Chemicals, 1842

### HOLIDAY SPIRIT GRIPS MARKET

**End of the Year Finds Essential Oil Market in Healthy Condition—Messina Oils Show Continued Strength—Citronella Ceylon Maintains Position—Other Oils Very Quiet**

#### PRICE CHANGES IN NEW YORK (Stocks in First Hands)

Advanced  
No Advances  
Declined  
No Declines

#### Trend of the Market

|                             | Last<br>Today | Last<br>Week | Last<br>Month | Last<br>Year | War<br>Peak | Pre-<br>War |
|-----------------------------|---------------|--------------|---------------|--------------|-------------|-------------|
| Oil Bergamot .....          | \$5.40        | \$5.40       | \$5.25        | \$3.65       | \$7.00      | \$5.00      |
| Oil Citronella Ceylon ..... | .48           | .48          | .47           | .75          | 1.02        | .60         |
| Oil Cloves .....            | 1.85          | 1.85         | 1.85          | 2.00         | 3.70        | 1.40        |
| Oil Lemon, Italian .....    | 2.05          | 2.05         | 2.00          | 1.00         | 1.70        | 2.00        |
| Oil Peppermint Nat .....    | 27.00         | 27.00        | 28.00         | 16.00        | 9.00        | 2.24        |
| Oil Sandalwood, E. I. ....  | 7.10          | 7.10         | 7.00          | 6.90         | 14.00       | 5.25        |
| Oil Sassafras, Artif. ....  | .27           | .27          | .27           | .35          | 1.00        | .36         |
| Conmarin .....              | 3.10          | 3.10         | 3.10          | 3.25         | 31.00       | 3.10        |
| Benzaldehyde, U. S. P. ...  | 1.15          | 1.15         | 1.15          | 1.50         | 5.15        | 1.50        |
| Methyl Salicylate Cans ..   | .43           | .43          | .43           | .47          | 1.00        | .85         |
| Vanillin .....              | .49           | .49          | .49           | .49½         | .95         | .20         |

Average ..... 4.62 4.62 4.66 2.76 6.83 2.05.

The annual Christmas-week lethargy has made its appearance, and on all sides interest seems to be centered on speculation as to the prospects for next year, rather than the consummation of current business—what little there is. This being the case, there has not been a price change of importance in the essential oil market during the past week. Reports of a firmness of the Messina oils and a further strengthening in Ceylon citronella were the only items which could be classed as significant features. The first stages of the New Year are expected to produce some interesting features, and are looked forward to with keen anticipation.

#### Essential Oils

**Oil Almond**—Both sweet and bitter U. S. P. are unchanged and inactive on spot. Quotations heard are: 95c@\$1.00 lb for sweet, and \$3.00@\$3.25 lb for bitter.

**Oil Anise**—A firm undertone was apparent in anise. An increased price was not in evidence, but sellers are firm in their ideas at 65c@68c lb spot on technical oil. U. S. P. offered at 68c@72c lb.

**Oil Bergamot**—Retains its strong position despite the usual Christmas week lack of demand. Sellers on this market are not disposed to shade \$5.40@\$5.65 lb spot, as to seller and quantity.

**Oil Bois de Rose**—Continues quiet, and has been neglected for the past few days. Holders are naming \$3.25@\$3.50 lb as the spot market.

**Oil Cananga**—Offered at previous levels of \$3.25@\$3.50 lb spot for rectified. Native oil quoted at \$2.60@\$2.75 lb spot.

**Oil Citronella**—Ceylon oil continues as one of the few items in which more than passing interest is displayed. It is reported that all sellers have now raised their ideas to a minimum figure of 48c lb spot in drums. Java, although it has been momentarily overshadowed by the

movement in Ceylon oil, has held its position at 87c@90c lb spot in drums.

**Oil Cloves**—Quiet in sympathy with the prevailing spirit of the market, and prices from \$1.85@\$1.90 are heard on spot.

**Oil Erigeron**—Despite an almost total lack of demand, dealers continue to name \$6.50@\$7.00 lb spot as the market figures.

**Oil Geranium**—Geranium failed to show any improvement over its weak condition of the past few weeks. This was hardly looked for, as it cannot be expected to rally in the face of the falling off in demand. Current spot quotations are: Bourbon, \$3.75@\$4.00; \$4.50@\$5.00 for African, and Turkish \$3.25@\$3.50 lb.

**Oil Lemon**—There has been no recession in lemon oil prices this week and factors in this market quote \$2.05@\$2.30 lb for spot parcels on Messina oil. It is reported that shipment prices coming through will not permit of a reduction in spot prices for some time. American oil is offered at \$1.90@\$2.00.

**Oil Lime**—Factors here state that orders at any figure for expressed lime oil would of necessity have to be rejected, as the local market is bare of stocks and it is believed that the primary market is in the same boat. Quotations, which are nominal remain at \$6.00 lb.

**Oil Mace**—It is reported that suppliers propose to advance the price of mace. This is attributed to the upward trend of the spice market. As yet, quotations are unchanged at \$1.80@\$1.85 lb spot.

**Oil Orange**—Messina oil is in firm position. It has not registered an advance during the past few days, but this was not looked for at this period of the year. Considerable interest is displayed on all sides as to the turn the market will take after the first of the year. Sellers are of the opinion that all Messina oils will hold their present firm position well into next year. Judging from the present outlook, this probably will be the case. Messina orange is quoted on spot at \$2.90@\$3.20 lb, as to seller and quantity.

**Oil Peppermint**—Continues quiet, with little buying interest shown. Current prices are \$27.00@\$28.00 lb spot.

**Oil Spearmint**—An easy undertone to the spearmint market was noted. Spot parcels are offered at \$13.00@\$14.00 lb with small interest on the part of the buyers.

**Oil Wormseed**—Leading factors in wormseed state that wormseed is quite firm on spot, but there has been no rush to purchase on the part of the buyers, and as a result no price advance. Quotations are heard at \$6.00@\$6.25 lb spot.

#### Aromatic Chemicals

**Benzaldehyde**—A continued quietness was in evidence on spot and makers are quoting: \$1.15@\$1.25 lb for U. S. P. and FFC is offered at \$1.30@\$1.40.

**Terpineol**—No change in the situation on terpineol was reported, and though a continuance of competition by the makers was noticeable, prices remain at 29c@31c for the C. P.

**Vanillin**—Quiet, with makers naming 49c lb for spot parcels of U. S. P.

#### Vanilla Beans

The holiday spirit prevails in vanilla bean circles and no price changes are reported. Mexican whole beans

are quoted at \$7.00@\$9.00; cuts at \$5.00@\$6.50; Bourbons \$2.75@\$3.50 lb; South American \$4.50@\$6.00; Tahitis \$2.75@\$2.90.

The Mint Growers Association are buying rather heavily of coal and fertilizers with a view to expanding business next year, and much of the old equipment is now being replaced out of the profits realized from this year's profits from the small crop.

Examination for Government pharmacist to fill a vacancy at the United States Penitentiary, Atlanta, Ga., at \$1,860 per year has been announced. Full data can be secured from the United States Civil Service Commission, Washington, D. C.

Hall Bither, head of the Pure Carbonic Co., has been re-elected secretary-treasurer of the Berkeley Manufacturers' Association, of Berkeley, Cal. He is now serving his fifteenth consecutive year in this position.

Nerda Essential Oil Co., Inc., New York, has increased its capital stock from 1,000 shares to 2,000 shares, 1,000 class A and 1,000 class B.

The sales and office staff of Magnus, Mabree & Reynard, New York, held its sixth annual convention in this city on December 21 and 22.

Imports of alcohols during October were valued at \$77,692, while during the same month 120,374 pounds of chloride of ammonia were imported valued at \$43,083.

Wrigley Pharmaceutical Co., with principal office in Wilmington, Del., has been authorized to increase its capital stock from \$1,000,000 to \$1,500,000.

## Foreign Trade Opportunities

The Department of Commerce, Washington, D. C., has received the following inquiries for drugs, chemicals and accessories. Reserved addresses may be obtained from the Bureau and its district and cooperative offices. Request for each opportunity should be on a separate sheet and state opportunity number. The Bureau does not furnish credit ratings or assume responsibility as to the standing of foreign inquirers; the usual precautions should be taken in all cases.

|  |       |                                   |          |
|--|-------|-----------------------------------|----------|
| Acetic acid and acetic anhydride ..... | 17737 | Munich, Germany.....Purchase      |          |
| Alum .....                             | 17736 | Do .....                          | Purchase |
| Chemicals, photographic .....          | 17798 | Rio de Janeiro, Brazil .....      | Agency   |
| Copper Sulfate .....                   | 17757 | Munich, Germany .....             | Purchase |
| Dental supplies .....                  | 17700 | Riga, Latvia .....                | Purchase |
| Do .....                               | 17798 | Rio de Janeiro, Brazil .....      | Agency   |
| Naval stores .....                     | 17735 | Hoboken, Belgium.....Purchase     |          |
| Ochre and paint pigments .....         | 17784 | Glasgow, Scotland .....           | Purchase |
| Paints .....                           | 17747 | Bahia, Brazil .....               | Purchase |
| Paints and varnishes .....             | 17827 | Guatemala City, Guate-            |          |
|  |       | malá .....                        | Agency   |
| Phosphorus, and all match-             |       | Denderleeuw, Belgium.....Purchase |          |
| making chemicals .....                 | 17779 | Munich, Germany .....             | Purchase |
| Soda, washing .....                    | 17736 | Nuremberg, Germany.....Purchase   |          |
| Turpentine .....                       | 17738 | Kingston, Canada .....            | Purchase |
| Do .....                               | 17785 | Munich, Germany .....             | Purchase |
| Zinc sulphate .....                    | 17736 | Habana, Cuba .....                | Agency   |
| Drugs and pharmaceuticals .....        | 17697 | Caracas, Venezuela .....          | Purchase |
| Do .....                               | 17698 | Rio de Janeiro, Brazil.....Agency |          |
| Do .....                               | 17798 | Caracas, Venezuela .....          | Agency   |
| Drugs, prepared medicines,             |       | Bordeaux, France .....            | Agency   |
| and toilet preparations .....          | 17832 | Caracas, Venezuela .....          | Purchase |
| Hospital supplies .....                | 17799 | Berlin, Germany .....             | Agency   |
| Perfumery .....                        | 17698 | Hamburg, Germany .....            | Purchase |
| Pharmaceuticals .....                  | 17831 | Turin, Italy .....                | Purchase |
| Soap, toilet .....                     | 17749 | Bombay, India .....               | Purchase |
| Carbon black .....                     | 17895 | Lahore, India .....               | Purchase |
| Chemicals and finishes for             |       | Caracas, Venezuela .....          | Purchase |
| textile mills .....                    | 17504 | The Hague, Nether-                |          |
| Dyes, paints, pigments &               |       | lands ..                          | Agency   |
| varnishes .....                        | 17501 | Melbourne, Australia.....Purchase |          |
| Materials for the manufac-             |       |                                   |          |
| ture of soap; and caustic              |       |                                   |          |
| soda .....                             | 17597 |                                   |          |
| Drugs prepared medicines,              |       |                                   |          |
| and toilet goods .....                 | 17571 |                                   |          |
| Medicinal and proprietary              |       |                                   |          |
| preparations .....                     | 17508 |                                   |          |

## LEMON OIL ADVANCED IN ITALY

(Special Correspondence to DRUG & CHEMICAL MARKETS)

Milan, Italy, December 15, 1925—Our market has seen a decided bettering in the price of lemon juice, that can be maintained owing to the scarce availability of the old product and too early period for the arrivals of that of the new season, and to the fair demand.

Sweet orange oil is very well demanded, and its price has benefited although not to the same extent as bitter orange oil, the sales of which are somewhat larger. The request for bergamot oil has improved, but its price has benefited little. News from the centres of production indicates however a strong rise at an early date. Mandarin oil benefits of a brisk request, despite the higher and higher prices insisted upon by the sellers.

The oscillations in the prices per kilo during the past five weeks were as indicated below:

|                       | Nov. 16<br>Lire | Nov. 23<br>Lire | Nov. 30<br>Lire | Dec. 7<br>Lire | Dec. 14<br>Lire |
|-----------------------|-----------------|-----------------|-----------------|----------------|-----------------|
| Sweet orange .....    | 140-145         | 140-145         | 140-145         | 140-145        | 142-147         |
| Bitter orange .....   | 138-145         | 138-144         | 136-142         | 135-141        | 142-147         |
| Bergamot oil .....    | 315-320         | 315-330         | 315-330         | 315-325        | 315-330         |
| Lemon .....           | 86-91           | 86-91           | 89-93           | 89-93          | 89-93           |
| Lemon .....           | 86-91           | 86-91           | 89-93           | 89-93          | 89-93           |
| 1 dollar = Lire ..... | 25,26           | 25,30           | 24,75           | 24,90          | 24,79           |

The demand for essential oils other than lemon, sweet and bitter orange, mandarin and bergamot oils is still fair, although many buyers are distracted from the market through the excitement created by the favorable payment arrangements for the Italian war debt in the United States. Quotations are as follows per kilo: Ceylon citronella, 55 lire; angelica root, 1,000 lire; angelica seeds, 1,600 lire; anis, 60 lire; orange flowers, 2,000 lire; basilicum, 850 lire; artificial bergamot oil, 140 lire; cajuput, 50 lire; Roman chamomiles, 1,800 lire; Ceylon cinnamon, 380 lire; Ceylon cardamom, 2,400 lire; Cedar fruits, 120 lire; Ceylon citronella, 55 lire; eucalyptus, 42 lire; fennel, 85 lire; cloves, 145 lire; African geranium 350 lire; juniper, 100 lire; Piedmontese peppermint 610 lire; Italian petit grain, 280 lire; Italian rosemary, 32 lire; mustard seed, 295 lire; artificial wintergreen, 38 lire; ylang ylang, 800 lire; Italian lavender, 360 lire. (\$1 = 24.50 lire).

## HARRY B. FRENCH DEAD AT 68

Harry Banks French, chairman of the Board of Directors of the Smith, Kline & French Co., Philadelphia, died Dec. 22 at the age of 68. He was born July 25, 1857. Educated at University of Pennsylvania and Harvard, he joined the staff of French, Richards & Co., in 1881. The firm of French, Richards & Co. was dissolved in 1891, and Mr. French entered the newly-organized firm of Smith, Kline & French Company as vice-president. On January 1, 1910, he became president of the Smith, Kline & French Co. and held this office until 1920, when he became chairman of the board of directors. This office he held until his death.

Mr. French was deeply interested in public affairs and was associated with many municipal reforms several decades ago. In 1899 he was elected to the board of managers of the Philadelphia Municipal League and served as its president in 1901. From 1899 to 1901 he was chairman of the Citizens Committee of Philadelphia, and worked for the abolition of the old Public Buildings Commission. He was the Municipal League candidate for Receiver of Taxes in 1901 and was twice the reform candidate for the old Select Council. Mr. French was at one time a member of the Board of Directors of the Philadelphia Chamber of Commerce, the President of the Philadelphia Drug Exchange and was active in the National Wholesale Druggists' Association.

# Prices Current of Fine and Heavy Chemicals, Drugs, Essential Oils, Dyestuffs and Oils

**CLASSIFICATION**—Prices quoted herein are listed in the following groups: Chemicals, including heavy, technical and industrial chemicals; fine, medicinal, and photographic chemicals; coal-tar crudes and intermediates; tanning and dye extracts; dye and tan woods; naval stores; fillers and pigments; dextrins, sizes and starches; fertilizer materials, accelerators and solvents, and miscellaneous products; Crude Drugs, including barks, herbs, roots, etc. Essential oils, including oleoresins, synthetic aromatic chemicals and isolates. Fatty Oils, including animal, vegetable, and fish oils, tallow, greases, and fats. All groups are in alphabetical order.

**Packages**—Prices are for large quantities in original packages of the customary trading units of weight or measure. A container given in connection with a price does not necessarily mean that this is the quantity on which the price is based. Containers named are the original packages most commonly sold in this market.

**QUOTATIONS**—Chemical prices quoted herein are those of American manufacturers unless otherwise specified. Quotations on imported chemicals are so designated. Where resale or "second hand" stocks of any chemical products are sufficient to be considered a factor in determining the market, prices for goods in this class will be quoted in addition to makers' prices available.

and indicated as such. Chemical prices quoted herein are for goods spot New York or Metropolitan District, f. o. b. or ex-store, for immediate shipment, unless otherwise specified. Numerous domestic made heavy or industrial chemical products are sold principally on a basis of f. o. b. works, and are thus quoted in the list herein, each instance of a "works" price, however, being specified as such.

**Fatty Oils** prices quoted herein are for goods spot New York unless otherwise noted; f. o. b. mills and Coast prices being designated as such. Crude Drugs and Essential Oils are quoted f. o. b. New York (Manhattan with limitations) for immediate shipment. Tanning and Dye Extracts are quoted spot New York unless otherwise noted.

**WEIGHTS AND MEASURES**—All quotations are made on a basis of avoirdupois pounds and ounces, and American gallons. The following equivalents are given for the reference of exporters, importers, and foreign buyers:

|                             |                        |
|-----------------------------|------------------------|
| 1 Imperial Gallon (British) | —1.20 American Gallons |
| 1 American Gallon           | — .833 Imperial Gallon |
| 1 American Gallon           | —3.79 Liters           |
| 1 Liter                     | — .264 American Gallon |
| 1 American Gallon (Water)   | —8.35 Pounds           |
| 1 Pound (Avoirdupois)       | — .454 Kilogram        |
| 1 Kilogram                  | —2.20 Pounds           |

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## Chemicals

|                                    |     |          |
|------------------------------------|-----|----------|
| Acetaldehyde Dn. or Cyl. e/l wls D | ... | 36       |
| le-1 wls                           | ... | 35       |
| ACETANILID, tech., 150 lb bbls D   | ... | 31       |
| 100 lb kegs                        | ... | 33       |
| USP, 200 lb bbls                   | ... | 37 1/2   |
| Second hands                       | ... | 34 1/2   |
| Acetic Anhydride                   | ... |          |
| 85%, 107 lb chys                   | ... | 30       |
| 92-95%, 100 lb chys                | ... | 35       |
| CP, 100 lb chys                    | ... | 30       |
| Acetic Ether, see Ethyl Acetate    | ... |          |
| Acetic, 50 gal drums               | ... | 35       |
| Acetic, CP 700 lb drs e/l wls D    | ... | 12       |
| Tank cars, wls.                    | ... | 12       |
| 100 lb drs le-1 wls                | ... | 13       |
| 350 lb drs le-1 wls                | ... | 14 1/2   |
| Acetone Oil, light, drs. wls. gal  | ... | 1.45     |
| Heavy, drs. wls.                   | ... | 1.45     |
| Acetophenone, 235 lb bbls          | ... | 1.85     |
| Acetyl Chloride, 100 lb chys       | ... | 35       |
| Acetylenetetrachloride             | ... | 1.50     |
| Acetylenetetrachloride Drums wls D | ... | 1.10 1/2 |
| ACID, 1, 2, 4, 250 lb bbls         | ... | 1.25     |
| Acetic, 28%, 400 lb bbls, e/l      | ... |          |
| wls                                | ... | 3.24     |
| 28% le-1 wls                       | ... | 3.49     |
| 58% e-1 wls                        | ... | 6.09     |
| 58% le-1 wls                       | ... | 6.34     |
| 70% bbls e-1 wls                   | ... | 7.51     |
| 70% le-1 wls                       | ... | 7.76     |
| 80% com'l. bbls e-1 wls            | ... | 8.41     |
| 80% com'l. le-1 wls                | ... | 8.66     |
| 80% pure bbls e-1 wls              | ... | 9.30     |
| 80% pure le-1 wls                  | ... | 9.55     |
| Glacial, bbls e-1 wls              | ... | 11.47    |
| Glacial, le-1 wls                  | ... | 11.72    |
| Glacial, USP, chys wls 100 lb      | ... | 12.22    |
| Second hands                       | ... | 70       |
| Ammonia, tech, drs                 | ... | 73       |
| 99-100%, 100 lb drs                | ... | 1.00     |
| Benzene, tech., 100 lb bbls        | ... | 87       |
| Tech. tan lots bbls                | ... | 87       |
| USP, 100 lb bbls                   | ... | 91       |
| Second hands                       | ... | 55       |
| Boric, crys. powd 200 lb bbls D    | ... | 99 1/2   |
| Kep, 100 lb                        | ... | 10       |

|                                     |     |        |
|-------------------------------------|-----|--------|
| Butyric, 60% pure, 5 lb bot.        | ... | 60     |
| 90%                                 | ... | 70     |
| C.P. 10 lb bot.                     | ... | 1.25   |
| Camphoric USP, VIII 1 lb bot D      | ... | 5.00   |
| Carbolic, USP crys. see also Phenol | ... |        |
| 112 lb tins                         | ... | 24     |
| 25 lb tins                          | ... | 26     |
| 5 lb tins or bot                    | ... | 28     |
| 1 lb bot                            | ... | 33     |
| Liquid USP, 1 lb bot                | ... | 33     |
| Crude, 35% 50 gal bbls gal          | ... | 31     |
| 10% 50 gal bbls gal                 | ... | 35     |
| Carbonic, see Carbon Dioxide        | ... |        |
| Chloracetic                         | ... |        |
| Mons 100 lb bbls, wls               | ... | 25     |
| DI, 150 lb chys, wls                | ... | 1.00   |
| Tri, 5 lb bot.                      | ... | 2.50   |
| Chlorosulfonic, 1500 lb drs         | ... |        |
| wls                                 | ... | 15     |
| Chromic, USP, 200 lb drums          | ... | 37     |
| 85% Pure, 200 lb drums              | ... | 35     |
| Chromotropic, 300 lb bbls           | ... | 1.25   |
| Chrysanthemic, see Chrysanthemic    | ... |        |
| Cinnamic, 5 lb cans                 | ... | 2.25   |
| CITRIC, USP, crys, 250 lb bbls D    | ... | 45 1/2 |
| Powd., USP, 200 lb bbls D           | ... | 46 1/2 |
| Imported crys, 112 lb kegs D        | ... | 45     |
| Single kegs                         | ... | 47     |
| Clove's, 250 lb bbls                | ... | 95     |
| Crocylic, 95% dark drs NY gal       | ... | 52     |
| 97-99% pale, NY gal                 | ... | 54     |
| Crude, spot, drums                  | ... |        |
| Diethylbarbituric, Dom. 25 lb lots  | ... |        |
| 1 lb bot.                           | ... | 5.00   |
| Imp. bulk                           | ... | 4.15   |
| Formic, 85% tech., 140 chys D       | ... | 10     |
| 90%-80% chys incl                   | ... | 11     |
| Gallie, USP, 150 lb bbls            | ... | 69     |
| Tech.                               | ... | 50     |
| Gamma, 235 lb bbls wls              | ... | 1.30   |
| Glyoxyanthranic, 25% 1 lb bot.      | ... | 1.25   |
| H 225 lb bbls wls                   | ... | 63     |
| Hydrolic, 10% USP 5 lb bot D        | ... | 60     |

|                                      |     |        |
|--------------------------------------|-----|--------|
| Hydrocyanic, 48% com'l. 155 lb       | ... |        |
| chys, wls                            | ... | 45     |
| 48% com'l., 10 chys, wls             | ... | 45     |
| 40% USP, 155 lb chys, wls D          | ... | 35     |
| 10% USP, 100 lb chys, wls D          | ... | 13     |
| Hydrochloric, see also Acid Mariatic | ... |        |
| CP, USP, 110 lb chys                 | ... | 97     |
| Hydrocyanic, wls, e/l                | ... | 90     |
| HYDROFLUORIC, 30% 400 lb bbls        | ... |        |
| wls                                  | ... | 80     |
| 30% 100 lb chys, wls                 | ... | 80     |
| 48% single 100 lb chys, wls D        | ... | 10     |
| 52% 100 lb chys, wls                 | ... | 13     |
| 52% 10 chys, wls                     | ... | 11     |
| 60% 100 lb chys, wls                 | ... | 14     |
| 60% 300 lb dr. wls                   | ... | 13     |
| White Acid, 100 lb chys, wls D       | ... | 28     |
| White Acid, 10 chys, wls D           | ... | 35     |
| Hydrofluosulfuric, 35% 450 lb bbls   | ... | 10     |
| wls                                  | ... | 13     |
| Hypophosphoric, USP 30% 8            | ... |        |
| gal. dems                            | ... | 35     |
| USP, 10% 5 gal. dems                 | ... | 36     |
| LACTIC, 22% dark 500 lb bbls D       | ... | 85 1/2 |
| 22% light, bbls                      | ... | 87     |
| 44% dark, bbls                       | ... | 11     |
| 44% light, bbls                      | ... | 13 1/2 |
| 60% dark, bbls                       | ... | 15     |
| 60% light, bbls                      | ... | 27     |
| USP, IX 100 lb chys                  | ... | 79     |
| USP, VIII 100 lb chys                | ... | 80     |
| Laurent's, 250 lb bbls               | ... | 80     |
| Metanilic, 250 lb bbls               | ... | 85     |
| Mixed, sulfuric-nitric               | ... |        |
| Drums, wls                           | ... | 87 1/2 |
| Drums, wls                           | ... | 81     |
| Tank cars, wls                       | ... | 86     |
| Tank cars, wls                       | ... | 808    |
| Molybdic, 85% pure 100 lb kegs D     | ... | 1.25   |
| 100% C. F. 100 lb kegs               | ... | 1.30   |
| Monosulfate F. Delta 50 lb tins D    | ... | 1.75   |

# Ether Sulphuric—Cooper's

*U. S. P. Concentrated*

*U. S. P. for Anesthesia*

**COOPER'S  
CERTIFIED  
CHEMICAL**

In the Hospitals, Operating Rooms, wherever the influence of a powerful Anesthetic is required, COOPER'S SULPHURIC ETHER for ANESTHESIA is administered with confidence established by the infinite care taken in its preparation.

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Since 1857

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**Aero  
Brand**  
Yellow  
Prussiate  
of Soda



A new method of production ensures the highest purity, in small crystals as well as large. Raw materials, all of our own manufacture, and large production capacity, guarantee a dependable source of supply, at favorable prices.

Yellow  
Prussiate  
of Potash

AMERICAN CYANAMID CO.  
511 Fifth Avenue New York

**P-W-R  
IODINE U. S. P.**

RESUBLIMED

Crystals or Granular

**POTASSIUM IODIDE  
U. S. P.**

Crystals Granular Powder

**POWERS-WEIGHTMAN-ROSENGARTEN CO.**

Manufacturing Chemists

NEW YORK PHILADELPHIA ST. LOUIS

## BUTANOL

Research has already opened wide outlets for our products in the Lacquer, Cellulose and Rubber fields.

Undoubtedly the solvent power, blending effect or some other characteristic of BUTANOL, ACETONE or derivatives of these products, will make these relatively new materials useful in many other fields.

Why not use our RESEARCH DEPARTMENT to investigate? If unsuccessful, you lose nothing; if successful, we both benefit.

**Commercial Solvents Corporation**

17 East 42nd St.,  
NEW YORK, N. Y.

SALES OFFICES:

TERRE HAUTE, IND.

Plants:—Terre Haute, Indiana and Peoria, Illinois

10a, Featherstone Bldgs.,  
High Holborn, W. C. 1,  
LONDON, ENGLAND

## Chemicals

## ACID

## MURIATIC, 32° clays, 1c/l

|                              |      |      |
|------------------------------|------|------|
| Wks. ....100 lb              | 1.60 | 1.70 |
| Chys. c/l wks. ....100 lb    | 1.35 |      |
| Tank cars, wks. ....100 lb   | 1.00 |      |
| 18°, 120 lb chys. ....100 lb | 1.25 |      |
| c/l wks. ....100 lb          | 1.25 |      |
| Tank cars, wks. ....100 lb   | 1.00 |      |
| 22°, 120 lb chys. ....100 lb | 1.75 |      |
| c/l wks. ....100 lb          | 1.75 |      |

## Muriatic, CP &amp; USP, see Acid Hydrochloric

|                                 |     |     |
|---------------------------------|-----|-----|
| Naphthionic, tech 350 lb bbls   | .55 | .59 |
| Nordic & Wintner's, 350 lb bbls | .95 | .99 |

## NITRIC, 36°, 135 lb

|                                    |      |     |
|------------------------------------|------|-----|
| Chys. 1c-1 wks. ....100 lb         | 5.00 |     |
| Chys. c-1 wks. ....100 lb          | 4.75 |     |
| 32° 1c-1 chys. wks. ....100 lb     | 5.50 |     |
| Chys., c-1 wks. ....100 lb         | 5.25 |     |
| 40° 1c-1 chys. wks. ....100 lb     | 6.00 |     |
| Chys., c-1 wks. ....100 lb         | 5.75 |     |
| 42° 1c-1 chys. wks. ....100 lb     | 6.50 |     |
| Chys., c-1 wks. ....100 lb         | 6.25 |     |
| C. P. chys. single wks. ....100 lb | .13  | .13 |

## Nitric, 36°, 135 lb, wks. ....100 lb

|                            |      |      |
|----------------------------|------|------|
| Bliss, NY                  | .10% | .11  |
| Kegs, 100 lb NY            | .11% | .11% |
| Imp, 500 lb casks          | .11  | .11% |
| Phenylisocyanide, domestic | 9.30 | 9.60 |
| Imported 5 lb              | 5.75 | 6.25 |
| Second hands               |      | 5.50 |

## Phosphoric, 50% tech, 135 lb

|                         |     |      |
|-------------------------|-----|------|
| Chys. ....100 lb        | .07 | .07% |
| Syrupy USP, 70 lb drums | .15 | .16  |
| Drums                   | .16 | .17  |
| Imported                | .15 | .16  |
| Second Hands            | .16 | .16  |

## Phthalic, see Phthalic Anhydride

|                       |  |     |
|-----------------------|--|-----|
| Picramic, 300 lb bbls |  | .50 |
|-----------------------|--|-----|

## AL-

|                               |      |      |
|-------------------------------|------|------|
| Picric, 450 lb bbls           | .30  | .33  |
| Pyrogallol, crys. 5 lb cans   | 1.25 | 1.30 |
| Resublimed, 5 lb cans         | 1.50 | 1.60 |
| Tech. powd., 200 lb bbls      |      | .85  |
| Salicylic, tech., 125 lb bbls | .35  | .34  |
| USP, 100 lb bbls              | .34  | .35  |
| Second Hands                  | .33% | .34% |
| Sulfanilic, 250 lb bbls       | .15  | .16  |

## SULFURIC, 66° 180 lb chys.

|                            |      |       |
|----------------------------|------|-------|
| 1c/l wks. ....100 lb       | 1.50 | 1.55  |
| Chys., c/l wks. ....100 lb | 1.35 |       |
| 1500 lb Drums, 1c/l        |      | 1.10  |
| Wks. ....100 lb            |      | .80   |
| Drums, c/l wks. ....100 lb |      | 14.00 |

## 60° 1500 lb Drums

|                            |      |  |
|----------------------------|------|--|
| 1c/l wks. ....100 lb       | 1.00 |  |
| Drums, c-1 wks. ....100 lb | .75  |  |

## Tank cars, wks. ....100 lb

|                              |     |     |
|------------------------------|-----|-----|
| C.P. 175 lb chys. ....100 lb | .07 | .08 |
|------------------------------|-----|-----|

## Oleum 20 p.c. 1500 lb drums

|                      |      |  |
|----------------------|------|--|
| 1c/l wks. ....100 lb | 1.40 |  |
|----------------------|------|--|

## Drums, c/l wks. ....100 lb

|                            |       |       |
|----------------------------|-------|-------|
| Tank cars, wks. ....100 lb | 17.00 | 18.00 |
|----------------------------|-------|-------|

## Oleum, 40% drs 1c/l wks. ....100 lb

|                                      |       |       |
|--------------------------------------|-------|-------|
| Oleum, 60% drs. 1c/l wks. ....100 lb | 50.00 | 70.00 |
|--------------------------------------|-------|-------|

## Sulfurous, USP 67°, 100 lb chys.

|                            |     |     |
|----------------------------|-----|-----|
| 4% 100 lb chys. ....100 lb | .04 | .05 |
|----------------------------|-----|-----|

## USP, 5 gal. drums

|                           |     |     |
|---------------------------|-----|-----|
| Tannic, tech. 300 lb bbls | .30 | .40 |
|---------------------------|-----|-----|

## USP, powd. 200 lb bbls

|                         |     |     |
|-------------------------|-----|-----|
| USP, fluffy, 50 lb bbls | .75 | .80 |
|-------------------------|-----|-----|

## Tartaric, USP, crys. 300 lb bbls

|                        |     |     |
|------------------------|-----|-----|
| USP, powd. 300 lb bbls | .39 | .39 |
|------------------------|-----|-----|

## Imp., USP, 240 lb bbls

|                       |      |      |
|-----------------------|------|------|
| Food., 240 lb bbls    | .27% | .28  |
| Tobias, 250 lb bbls   | .38  | .38% |
| Tungstic, 100 lb kegs |      | 1.00 |

## ACID

|  |      |       |
|--|------|-------|
| Valeric C.P. 10 lb bot                   | 2.50 | 2.75  |
| Acetone Alk. crys. 1 c/l wks. ....100 lb |      | 30.00 |
| Amorphous, 1 c/l wks. ....100 lb         |      | 20.00 |
| Adeps Lauze hydrous 350 lb bbls          | .20  | .21   |
| Anhydrous, 350 lb bbls                   | .22  | .23   |
| Albumen, Egg. edible                     | 1.20 | 1.25  |
| Tech. 100 lb drs                         | 1.14 | 1.20  |
| Blood 225 lb bbl                         | .65  | .66   |
| Vegetable edible                         | .60  | .65   |
| Technical                                | .60  | .65   |

## ALCOHOL, amyl See Fuel Oil

|                          |      |      |
|--------------------------|------|------|
| Benzyl, 5 lb bot         | 1.45 | 1.55 |
| Butyl 50 gal drs wks c-1 | .20  | .21  |
| Drums 1c-1 wks           | .20% | .21% |
| Tanks cars wks           | .19% | .20% |

## Ethyl, USP, 190 pf 50 gal

|      |      |      |
|------|------|------|
| bbls | 4.94 | 5.04 |
|------|------|------|

## Export

|                      |  |     |
|----------------------|--|-----|
| Anhydrous, drums c/l |  | .66 |
|----------------------|--|-----|

## Cologne Spirit, 50 gal bbls gal

|           |      |      |
|-----------|------|------|
| Denatured | 5.04 | 5.14 |
|-----------|------|------|

## No. 1 complete denat. 190 pf

|                  |      |      |
|------------------|------|------|
| 50 gal bbl incl. | .61% | .65% |
|------------------|------|------|

## Carlota

|                    |      |      |
|--------------------|------|------|
| 50 gal drums extra | .54% | .58% |
|--------------------|------|------|

## Tank Cars

|                              |      |      |
|------------------------------|------|------|
| No. 1, Special denat. 190 pf | .53% | .56% |
|------------------------------|------|------|

## 50 gal bbl incl.

|         |      |      |
|---------|------|------|
| Carlota | .60% | .64% |
|---------|------|------|

## 50 gal drum extra

|           |      |      |
|-----------|------|------|
| Tank cars | .53% | .57% |
|-----------|------|------|

## No. 5, Complete denat. 188 pf

|                  |      |      |
|------------------|------|------|
| 50 gal bbl incl. | .51% | .55% |
|------------------|------|------|

## Carlota

|                    |      |      |
|--------------------|------|------|
| 50 gal drums extra | .60% | .64% |
|--------------------|------|------|

## Second Hands

|           |      |      |
|-----------|------|------|
| Tank cars | .53% | .57% |
|-----------|------|------|

## No. 6, Complete denat. 199 pf

|                  |      |      |
|------------------|------|------|
| 50 gal bbl incl. | .59% | .63% |
|------------------|------|------|

## Carlota

|                    |      |      |
|--------------------|------|------|
| 50 gal drums extra | .57% | .61% |
|--------------------|------|------|

## Tank cars

|  |      |      |
|--|------|------|
|  | .53% | .56% |
|--|------|------|

## Two profitable

MECCO

## Automobile Dressings

## MECCO TOP DRESSING

Unequalled for restoring the original freshness and attractiveness to genuine or artificial leather automobile tops. It possesses the great advantage of drying quickly so that the car may be placed in use within thirty to forty-five minutes after application. The regular use of this renewer makes the top last as long as the car.



## MECCO TIRE DRESSING

A combined protective and dressing that increases the life of tires. It is especially valuable in the preservation of spare tires, being much superior to a case. This unusual dressing also has the valuable ability to fill up small cuts and abrasions in the tread.

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Rail and Water Facilities  
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*Hydrochloric Acid*  
Nitric Acid  
Sodium Sulphide  
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Sodium Silicate  
Tri-Sodium Phosphate

Chemically Pure Acids and Ammonia  
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The Nichols Chemical Co., Ltd., Montreal

Cable Address: Lycurgus, N. Y.

## Chemicals

## ALCOHOL (cont'd)

In addition to the regular authorized formulas for completely denatured alcohol, some 75 formulas for specially denatured alcohol are authorized for special uses. Owing to the limitations of their use however, prices are quoted by the alcohol producers only to holders of permits allowing the use of specially denatured formulas in products authorized by the Dept. of Internal Revenue.

|   |      |         |
|---|------|---------|
| Diacetone, 50 gal drs. light allowed      | 2.15 | : 2.30  |
| Isobutyl, crude, 50 gal drs               | ...  | ...     |
| Refined, 10 lb cans                       | ...  | ...     |
| Isopropyl, refined, 90-91%, 50 gal drs    | 1.00 | : 1.25  |
| Ref'd 98-99% drs                          | 1.25 | : 1.50  |
| Pberylethyl, 1 lb bot., dom               | 8.00 | : 10.00 |
| Imported                                  | 7.00 | : 7.75  |
| Propyl, aml., 50 gal drs                  | ...  | : 1.00  |
| Aldehyde Ammonia 100 gal drums            | .90  | : .93   |
| Alein, USP, 100 lb cans                   | .85  | : .88   |
| Alpha-Naphthol crude 300 lb bbls.         | ...  | : .65   |
| Refined                                   | .85  | : .90   |
| Alpha-Naphthylamine, 350 lb bbls.         | .35  | : .37   |
| Tec lots, bbls. wks                       | ...  | : .35   |
| ALUM, Ammonia, lump 400 lb bbls. wks, c/l | 3.15 | : 3.50  |
| Imp., 500 lb casks                        | ...  | : 3.65  |
| Ground, 400 lb bbls wks 100 lb            | 3.25 | : 3.65  |
| Powd. 350 lb bbls. wks 100 lb             | 3.55 | : 3.90  |
| Chrome, 500 lb cks. wks 100 lb            | 3.25 | : 3.50  |
| Potash, lump 400 lb bbls. wks             | 3.50 | : 3.75  |
| Bbls, c/l wks                             | 3.25 | : 3.40  |
| Imported lump                             | 2.75 | : 2.85  |
| Ground, 400 lb bbls. wks 100 lb           | 3.50 | : 3.85  |

## ALUMS, Potash (Cont.)

|                                 |             |       |         |
|---------------------------------|-------------|-------|---------|
| Imp. 350 casks                  | 100 lb      | 2.50  | : 2.75  |
| Powd., 350 lb bbls. wks         | 100 lb      | 4.00  | : 4.50  |
| Chrome, 500 lb cks. wks         | 100 lb      | 5.25  | : 5.50  |
| Soda grd. 400 lb bbls. wks      | 100 lb      | ...   | : 3.75  |
| Bbls. c/l wks                   | 100 lb      | ...   | : 3.50  |
| Aluminium metal, c-l NY         | 100 lb      | 28.00 | : 29.00 |
| Chloride, anhyd. 375 lb drs.    | ...         | .30   | : .32   |
| Crystals, 375 lb bbls.          | ...         | ...   | : .06%  |
| 30% sol. 120 lb cys.            | ...         | .03%  | : .04   |
| Hydrate 96% light 90 lb bbls.   | ...         | .17   | : .18   |
| Heavy 62-64%, 250 lb bbls.      | ...         | .04   | : .06%  |
| 400 lb bbls. wks                | ...         | .06%  | : .07   |
| Stearate, 100 lb bbls           | ...         | .22   | : .23   |
| SULFATE, Iron-free bags c/l wks | 100 lb      | 2.00  | : 2.10  |
| Bbls, c/l wks                   | 100 lb      | 2.15  | : 2.25  |
| Imported, spot                  | 100 lb      | 1.70  | : 1.75  |
| Comm'l. 1/4 iron bgs c/l wks    | East 100 lb | ...   | : 1.40  |
| Cont. bgs c/l wks E             | 100 lb      | 1.35  | : 1.40  |
| Bags, c/l wks W                 | 100 lb      | ...   | : 1.40  |
| Bbls, c/l wks East              | 100 lb      | ...   | : 1.55  |
| Bulk, c/l cont. wks E           | 100 lb      | ...   | : 1.50  |
| Amidol (see Diaminophenol)      | ...         | ...   | ...     |
| Amidopyrine, Imp., 10 lb bms    | ...         | 4.60  | : 5.00  |
| Domestile 10 lb boxes           | ...         | 4.60  | : 4.75  |
| Ambrosobenzene, 110 lb kgs      | ...         | ...   | : 1.15  |
| AMMONIA, anhyd 100 lb cyl.      | ...         | .13   | : .15   |
| Water 26° 800 lb drs del        | ...         | .03%  | : .04   |
| Drs. c-l delivered              | ...         | .03   | : .03%  |
| C.P. cys                        | ...         | ...   | : .10   |

|  |        |         |
|--|--------|---------|
| Ammonium Acetate, 100 lb bags                | ...    | : .45   |
| Bromine, USP, 1 lb bot.                      | ...    | : 1.37  |
| Bisulfide, 300 lb bbls.                      | ...    | : .31   |
| 100 lb bags                                  | ...    | : .33   |
| Bromide, 450 lb bbls 50 lb bms               | ...    | : .55   |
| Imported, 112 lb boxes                       | ...    | : .50%  |
| Carb., tech. 560 lb casks                    | ...    | : .05%  |
| Powd. tech., 550 lb cks                      | ...    | : .07%  |
| USP, lump 100 lb kgs                         | ...    | : .11   |
| Powd. 100 lb kgs                             | ...    | : .13   |
| Second hands                                 | ...    | : .11%  |
| Chloride, Domestic                           | ...    | ...     |
| White, 250 lb bbls. c/l                      | ...    | : .07   |
| 250 lb bbls. 1/2 wks                         | ...    | : .07%  |
| 1926 Schedule for white material 1c lb lower | ...    | ...     |
| Imported white 600 lb cks                    | ...    | : .05%  |
| CP, USP, gran bbls                           | ...    | : .14   |
| Gray, 250 lb bbls. wks                       | ...    | : .07%  |
| Bbls, c/l wks                                | ...    | : .07%  |
| 1926 Schedule for Gray material 5/8 lb lower | ...    | ...     |
| Imported gray 250 lb casks                   | ...    | : .06%  |
| Lump, 500 lb casks spot                      | ...    | : .13%  |
| Ichthyolite, as to brand                     | ...    | : 4.85  |
| Iodide, USP, 25 lb jars                      | ...    | : 5.20  |
| Lactate, 500 lb bbls                         | ...    | : .15   |
| Refined Crystals bbls                        | ...    | : .20   |
| CP gran. 100 lb kgs                          | ...    | : .35   |
| Oxalate, pure, 100 lb kgs                    | ...    | : .35   |
| Persulfate, 112 lb kgs                       | ...    | : .21   |
| Phosphate, dibasic 200 lb bbls.              | ...    | : .38   |
| Mono, 325 lb bbls                            | ...    | : .12   |
| Tri basic 325 lb bbls.                       | ...    | : .04   |
| Sulfate USP, 100 lb kgs                      | ...    | : .75   |
| Sulfate bulk c-l                             | 100 lb | ...     |
| Southern points                              | 100 lb | ...     |
| 200 lb double bags f.a.s.                    | 100 lb | ...     |
| Sulfate-Nitrate, bulk fob NY ton             | ...    | : 81.00 |
| Sulfocyanide, tech., 100 lb kgs              | ...    | : .40   |
| CP, 25 lb jars                               | ...    | : .50   |
| Amyl Acetate, tech., 50 gal drs              | ...    | : 2.70  |
| Refined, 50 gal drums                        | ...    | : 3.25  |
| Alcohol see Fuel oil                         | ...    | : 3.50  |



COLUMBIA BRAND

Columbia Chemical Division,  
Pittsburg Plate Glass Co., Barberton, Ohio

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All Tests

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Granular if Desired

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PHILADELPHIA

## Chemicals

|  |       |         |                                      |       |         |  |      |         |
|--|-------|---------|--------------------------------------|-------|---------|--|------|---------|
| Amyl Butyrate absolute cases .... D      | 1.20  | : 1.30  | BARIUM BINOXIDE, see Barium Oxide    |       |         | Benzol, see Benzene                        |      |         |
| ANILINE OIL, 900 lb drums .... D         | .18   | : .17   | Bromide ..... D                      | ..    | : .44   | Benzonaphthol, 5 lb boxes .... D           | 3.50 | : 3.60  |
| Hydro Bromide ..... D                    | ..    | : .75   | Bromate ..... D                      | ..    | : .70   | Benzoyl Chloride, 500 lb drs .... D        | ..   | : 1.00  |
| Aniline Salt, 200 lb bbls .... D         | .23   | : .24   | Carbonate, precip., 300 lb bbls      | ..    |         | Benzoyl Acetate 100 lb chys .... D         | 1.30 | : 1.40  |
| Annatto, fine ..... D                    | .41   | : .43   | whs ..... ton                        | 52.00 | : 54.00 | Benzonate, 5 lb bot. .... D                | 1.60 | : 1.75  |
| Anthracene 80-85% 600 lb cases           | ..    |         | Precip., 200 lb bgs, whs, ton        | 50.00 | : 52.00 | Medicinal FFC ..... D                      | 1.75 | : 2.00  |
| whs ..... D                              | .60   | : .65   | Imports bags NY ..... ton            | 45.00 | : 47.00 | Chloride, 95% tech. 925 lb drs. D          | ..   | : .25   |
| Anthraquinone, sub 125 lb bbls D         | .95   | : 1.00  | Chlorate, 112 lb bags NY .. D        | .12   | : .13%  | 100 lb chys. .... D                        | .25  | : .30   |
| Antimony metal, slabs, tons lots D       | .22   | : .22%  | Chloride, 800 lb bbls whs .. ton     | 68.00 | : 68.00 | Redistil 160 lb chys. .. D                 | .30  | : .35   |
| Needle powd. 100 lb cases D              | .20   | : .21   | 200 lb bgs. whs ..... ton            | 65.00 | : 67.00 | Formate, 1 lb bot. .... D                  | 3.25 | : 3.50  |
| Bromate ..... D                          | ..    | : 1.50  | Imports, large crystals, bbls.       | ..    |         | Berberine Hydrochloride, 1 lb bot. .... D  | ..   | : 22.50 |
| ANTIMONY CHLORIDE, anhyd 1000 lb         | ..    |         | Spot ..... ton                       | 60.00 | : 62.00 | Sulfate, acid or neut. 1 lb bot. D         | ..   | : 22.00 |
| drs ..... D                              | .16   | : .17   | Dioxide, 88% 600 lb drs. .... D      | .13   | : .13%  | BETA-NAPHTHOL, 350 lb bbls whs D           | ..   | : .24   |
| 50 lb crocks ..... D                     | .45   | : .48   | Import, 84-88% 400 lb drs. D         | .13   | : .13%  | Carlots whs ..... D                        | ..   | : .24   |
| Sol'n, 130 lb cartons 23° .. D           | ..    | : .06   | Hydrate, 500 lb bbls. .... D         | .04%  | : .05   | Sublimed ..... D                           | .55  | : .60   |
| Oxide, 500 lb bbls ..... D               | .18%  | : .19   | Iodide, 5 lb box ..... D             | ..    | : 5.15  | Beta-Naphthylamine, tech. 200 lb           | ..   | : .63   |
| Sulfuret golden 250 lb bbls D            | .15   | : .16   | Nitrate, 700 lb cases ..... D        | ..    | : .10   | bbls ..... D                               | ..   | : 1.85  |
| Crimson 250 lb bbls ..... D              | .25   | : .27   | Imports cases ..... D                | .07%  | : .08   | Bichloride Mercury, see Mercury Bichloride | ..   |         |
| Vermilion, 250 lb bbls ..... D           | .48   | : .50   | Sulfocyanide, 600 lb bbls. .... D    | .30   | : .31   | BISMUTH metal, 100 lb cases .... D         | ..   | : 3.50  |
| Turroicinate, 500 lb bbls .... D         | ..    | : .45   | Barytes, floated 350 lb bbls whs ton | 23.00 | : 24.00 | Second Hands ..... D                       | 3.25 | : 3.50  |
| Tribromide ..... D                       | ..    | : 1.05  | Imported ..... ton                   | 29.00 | : 33.00 | Ammon, Citrate, USP, 5 lb cans D           | ..   | : 6.25  |
| Antipyrine, USP, 100 lb cases. .... D    | 1.75  | : 1.90  | Crude, c.i.f. .... ton               | ..    | : 9.00  | Betansaphtholate, 5 lb bxs ..... D         | 3.85 | : 3.90  |
| Second hands ..... D                     | 1.70  | : 1.75  | Bay Rum, Porto Rico, genuine         | ..    |         | Citrate, USP, 5 lb cans ..... D            | ..   | : 3.50  |
| Apomorphine Hydrochloride, 1/4 oz. vials | ..    | : 22.10 | Medicated salicyl. acid or tartar    | ..    |         | Chloride ..... D                           | 4.05 | : 4.10  |
| Arsol, double 600 lb bbls ..... D        | .12   | : .14   | emetic, 50 gal bbls gal              | .85   | : .90   | Hydroxide ..... D                          | ..   | : 4.00  |
| Triple, 600 lb bbls ..... D              | .16   | : .17   | Benzaldehyde, tech. 945 lb drs.      | ..    |         | Nitrate, 25 lb jars ..... D                | ..   | : 2.25  |
| Case, 600 lb bbls ..... D                | .18   | : .20   | whs ..... D                          | .70   | : .75   | Oxide anhyd ..... D                        | ..   | : 4.20  |
| Arcoline Hydrobromide, 1 oz. vial. ....  | 8.75  | : 10.35 | UNP, 40 lb chys. .... D              | 1.15  | : 1.20  | Oxychloride, 25 lb bxs ..... D             | ..   | : 4.00  |
| Argols, red powd., 350 lb bbls. .... D   | .06%  | : .07   | FFC, 40 lb chys. .... D              | 1.40  | : 1.60  | Phenolsulfonate, 5 lb cans ..... D         | ..   | : 3.25  |
| Arsenic, metal 220 lb kgs ..... D        | .45   | : .50   | BENZENE, 90% 8000 gal. tanks         | ..    |         | Salicylate, 25 lb bxs ..... D              | ..   | : 2.45  |
| Red, 224 lb kgs cases .... D             | .12   | : .12%  | whs ..... gal                        | ..    | : .24   | Subcarbonate USP, 25 lb bxs D              | ..   | : 4.05  |
| White 220 lb cases to 350 lb             | ..    |         | 110 gal drs whs ..... gal            | ..    | : .29   | X-Ray diag 1 lb bot ..... D                | ..   | : 4.40  |
| Bbls NY ..... D                          | .03   | : .03%  | Pure Tanks, whs ..... gal            | ..    | : .24   | Subgallate, USP, 25 lb bxs ..... D         | ..   | : 3.15  |
| Castorine, c/l ..... ton                 | 16.00 | : 18.00 | 110 gal drs whs ..... D              | ..    | : .29   | Subiodide, 5 lb lots ..... D               | ..   | : 5.15  |
| 1a/1 ..... ton                           | 20.00 | : 22.00 | Benzidine Base, dry 250 lb bbls D    | .72   | : .74   | Subnitrate, USP, 25 lb jars .. D           | ..   | : 3.35  |
| Aspirin, see Acid acetylsalicylic        | ..    |         | Benzidine Sulfate, paste 350 lb      | ..    |         | Second Hands ..... D                       | 3.00 | : 3.25  |
| Atropine Alk. USP 1 oz vial. ....        | 6.50  | : 7.50  | bbls ..... D                         | .63   | : .70   | Cones, 1 lb bot ..... D                    | ..   | : 4.35  |
| Sulfate, 5 oz cases .....                | ..    | : 2.50  |                                      |       |         | Subsalicylate, USP, 25 lb bxs D            | ..   | : 3.55  |
| Single ounce ..... oz                    | ..    | : 2.85  |                                      |       |         | Tannate ..... D                            | ..   | : 3.10  |

COAL TAR  
DISINFECTANT

All Coefficients

CRESOL COMPOUND U.S.P.

GREEN SOAP U.S.P.

SHAMPOO BASE

Sparkling Clear—Concentrated

CLIFTON CHEMICAL CO., INC.

Clifton Bldg. 244 Front St., N. Y. C.

CHEMICAL  
SEABOARD  
COMPANY

ACETIC ACID

All Grades

ACETATE of LIME

SEABOARD CHEMICAL CO.

90 WEST STREET  
NEW YORKTelephone  
Rector 4090-4091Cables  
Seaboard-New York

# Chemicals

## STIMUTH (Continued)

|                                       |        |         |
|---------------------------------------|--------|---------|
| above on basis 35 lb lots.            |        |         |
| Smaller lots at an advance.           |        |         |
| Tri-Bromophenol .....                 | lb     | 4.00    |
| Blanc Fixe, dry 400 lb bbls           | ton    | 80.00   |
| Imported, bbls .....                  | ton    | 70.00   |
| Paste, 650 lb bbls c-1 .....          | ton    | 55.00   |
| <b>BLEACHING POWDER, 700 lb drums</b> |        |         |
| c-1 wks contract .....                | 100 lb | 2.00    |
| le-1 wks contract .....               | 100 lb | 2.15    |
| c-1 spot wks .....                    | 100 lb | 2.10    |
| le-1 spot wks .....                   | 100 lb | 2.25    |
| le-1 spot ex-warehouse, 100 lb        |        | 2.50    |
| 300 lb drums, c-1 wks, contract       | 100 lb | 2.35    |
| c-1 spot wks .....                    | 100 lb | 2.35    |
| le-1 wks contract .....               | 100 lb | 2.40    |
| le-1 spot wks .....                   | 100 lb | 2.50    |
| Blood dried f.o.b. NY .....           | unit   | 4.00    |
| Chicago .....                         | unit   | 4.20    |
| S Am. Shipment .....                  | unit   | 4.15    |
| Blue Ointment, see Mercury            |        |         |
| diase, bronze Chinese, Miller,        |        |         |
| Prussian Soluble .....                | lb     | .31     |
| Blue Vitriol, see Copper Sulfate      |        |         |
| Sone S & 50 gr. steam Chgo .....      | ton    | 30.00   |
| Imp. ....                             | ton    | 35.00   |
| Raw, NY .....                         | ton    | 34.00   |
| Sone Ash, 100 lb kegs .....           | lb     | .06     |
| Black, 200 lb bbls .....              | lb     | .08 1/4 |
| Sorax, crys. 400 lb bbls .....        | lb     | .05 1/4 |
| Powdered, 300 lb bbls .....           | lb     | .05     |
| Kags, 100-150 lb .....                | lb     | .05 1/4 |
| Sordeaux Mixture, 16% pd. bbls. lb    |        | .11 1/4 |
| Paste, bbls. ....                     | lb     | .08     |
| <b>Bornol, See Aromatic Chemicals</b> |        |         |
| Crimsone, see Sulfur                  |        |         |
| (Freight allowed)                     |        |         |
| British Gum com c-1 .....             | 100 lb | 4.17    |
| le-1 .....                            | 100 lb | 4.27    |
| Bromide, see potash, bromide, etc     |        |         |
| Bromine, bot. in 50 lb cs. wks. lb    |        | .45     |
| Bromobenzene, 600 lb drums .....      | lb     | .50     |
| Bromoforn, USP, 5 lb bot. cs. ....    | lb     | 1.65    |
| Brucein Alkaloid, 100 ozs .....       | ozs    | .10     |
| Sulfate, 100 ozs .....                | ozs    | .10     |
| Second hands .....                    | ozs    | .08 1/4 |

## Butter of Antimony, see Antimony Chloride

|   |        |         |
|---|--------|---------|
| Butyl Acetate, tank cans, wks .....     | gal    | 1.80    |
| Drums c-1 wks .....                     | gal    | 1.84    |
| Aldehyde, 50 gal drums wks .....        | lb     | .70     |
| Propionate drums .....                  | lb     | .37     |
| Tartrate, drums .....                   | lb     | .57     |
| <b>CADMIUM, metal 100 lb bbs. ....</b>  |        |         |
| Bromide, 50 lb cases jars wks lb        |        | 1.15    |
| Iodide, 10 lb bot. ....                 | lb     | 4.45    |
| Sulfide, cs .....                       | lb     | 1.20    |
| CAFFEINE ALK. USP, 5 lb cans lb         |        | 3.75    |
| Second Hands .....                      | lb     | 3.50    |
| Citrate, 25 lb cans .....               | lb     | 2.70    |
| Hydrobromide, 1 lb bot. ....            | lb     | 4.95    |
| Hydrochloride, 1 lb bot. ....           | lb     | 6.05    |
| Sulfate, 1 lb bot. ....                 | lb     | 5.40    |
| <b>CALCIUM, Acetate, 150 lb bgs c/1</b> |        |         |
| 100 lb .....                            |        | 3.25    |
| Arsenate, 100 lb bbls c-1 wks. lb       |        | .06     |
| Bromate .....                           | lb     | 1.50    |
| Bromide, 100 lb cs. ....                | lb     | .60     |
| Carbide 220 lb dr. c-1 wks .....        | lb     | .05 1/4 |
| Carbonate tech. 100 lb bags             |        |         |
| c/1 .....                               | 100 lb | 1.00    |
| USP, precip. 175 lb bbls. ....          | ton    | 21.00   |
| Chloride, solid, 650 lb drs. c/1        |        | 19.00   |
| f.o.b. wks .....                        | ton    | 23.00   |
| Imp. ....                               | ton    | 20.00   |
| Flake, 375 lb drs. c/1 drs. f.o.b.      |        |         |
| wks .....                               | ton    | 27.00   |
| Anhyd, 350 lb drs f.o.b. NY lb          |        | .18     |
| Glycerophosphate, 250 lb bbls. lb       |        | 1.40    |
| Hydrate, see Lime                       |        |         |
| Hypophosphite, USP, 25 lb cans lb       |        | .60     |
| Iodide, 5 lb bot. ....                  | lb     | 4.35    |
| Lactate, tech, 500 lb bbls .....        | lb     | .35     |
| USP .....                               | lb     | .60     |
| Nitrate, 220 lb bbls. c/1 NY ton        |        | 50.00   |
| Phosphate tech. 450 lb bbls lb          |        | .09     |
| Phosphate, precip. tritonic, 200 lb     |        |         |
| bbls, wks .....                         | lb     | .11     |
| Phosphate, mono, 325 lb bbls. lb        |        | .07     |
| Sulfocarbols, 100 lb kags .....         | lb     | .55     |
| <b>CAMPOR, Amer. ref. 350 lb</b>        |        |         |
| bbls. ....                              | lb     | .84     |
| 2 1/4 lb slabs, 100 lb cs. ....         | lb     | .85 1/4 |

## CAMPOR (Cont.)

|  |     |         |
|--|-----|---------|
| 1 lb cakes, 100 lb cs. ....                                  | lb  | .85 1/4 |
| 1 oz. tab., 1 lb case, .....                                 | lb  | .90     |
| 100 lb cs. ....  | lb  | .72 1/4 |
| Jap. ref., 2 1/4 lb slabs, 100 lb                            |     | .72 1/4 |
| 1 oz. tab., 100 lb cs. ....                                  | lb  | .84     |
| 1 oz. tab., 100 lb cs., 1 lb                                 |     | .85     |
| Crude, 100 lb cs. ....                                       | lb  | .54     |
| Campor, liniment, bbls .....                                 | gal | 2.25    |
| Campor Monobrom, 100 lb cs. ....                             | lb  | 1.85    |
| Caramel, 50 gal bbls .....                                   | gal | .70     |
| Carbasol, 250 lb bbls. ....                                  | lb  | .50     |
| Carbon Bisulfide, 500 lb drs lcl/NY lb                       |     | .06     |
| c/1 drums, NY. ....  | lb  | .05 1/4 |
| Carbon Black, c/1 wks. bgs .....                             | lb  | .08     |
| 100-300 lb cases le/1 NY .....                               | lb  | .12     |
| Decolorizing 40 lb bgs c/1 .....                             | lb  | .08     |
| 90 lb drums. c/1 .....                                       | lb  | .08 1/4 |
| Carbon Dioxide, Liquid, 20-25 cy. lb                         |     | .06     |
| Tetrachloride, 140 lb drs del lb                             |     | .06 1/4 |
| Drums c-1 delivered .....                                    | lb  | .06 1/4 |
| Carmin, No. 40, 5 lb boxes .....                             | lb  | 5.00    |
| Casein, edib, 100 lb keg .....                               | lb  | .45     |
| Tech. 200 lb bbls .....                                      | lb  | .12 1/4 |
| 100 mesh .....   | lb  | .14 1/4 |
| <b>Castoreum, See Aromatic chemicals, Perfumes, Sundries</b> |     |         |
| Castor Oil, USP, 50 gal bbls. lb                             |     | .17     |
| Cases, 80 lb 2 tins .....                                    | lb  | .18     |
| Tech. see Fixed Oils   |     |         |
| Caustic Potash, see potash, caustic                          |     |         |
| Soda, see soda, caustic                                      |     |         |
| Cellulose Acetate 100 lb cases .....                         | lb  | 1.55    |
| ton lots .....   | lb  | 1.50    |
| Curium Oxalate, USP, 100 lb kags lb                          |     | .33     |
| Chalk, drop 175 lb bbls .....                                | lb  | .03     |
| Precip. light 250 lb bbls cks lb                             |     | .04 1/4 |
| Precip. heavy 500 lb cks .....                               | lb  | .02 1/4 |
| Bulk .....   | ton | 5.00    |
| Precip. English, 7 lb bags .....                             | lb  | .08 1/4 |
| Precip. heavy 500 lb cks .....                               | lb  | .03 1/4 |

# ETHYLENE DICHLORIDE

Non-Corrosive Chlorinated Solvent

*An ideal solvent for*

**FATS, OILS, WAXES, GUMS,  
RESINS AND ESTERS**

*Applicable in*

**Commercial Extractions, Degreasing,  
Varnishes, Pharmaceuticals, Rubber**

**A PURE CHEMICAL COMPOUND**

Will not Corrode Metal

Diminishes Fire Hazard

Is Stable to Alkali, Acid or Chemical Reagents

**CARBIDE AND CARBON CHEMICALS CORPORATION**

CARBIDE AND CARBON BUILDING, 30 EAST FORTY-SECOND STREET, NEW YORK  
Telephone Vanderbilt 8700



Acetaldehyde  
Acetaldo  
Diethyl Sulphate  
Ethylene Chlorhydrin  
Ethylene Dichloride  
Ethylene Glycol  
Ethylene Oxide  
Glycol Diacetate  
Isopropanol  
(Isopropyl Alcohol)  
Paraldehyde

## Chemicals

85%

90

72%

84

86

90

90

80

06%

05%

08

12

15

16%

07

06%

25

85

13%

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## CHARCOAL

|   |       |       |
|---|-------|-------|
| Hardwood, lump, bulk wks                              | .18   | .19   |
| Spot, NY  | .24   | .25   |
| Wood, powd., 100 lb bbls                              | .04   | .05   |
| Willow, powd., 100 lb wks bbls                        | .06   | .06%  |
| Chestnut, clarified, 25% tks, wks                     | .01%  | .01%  |
| Bbls, wks   | .02   | .02%  |
| Powd. 60% 100 lb bags wks                             | .05%  | .05%  |
| Decolorized bags wks                                  | .06%  | .07   |
| China clay, Dom bulk wks                              | 6.00  | 9.00  |
| Washed & Ground, wks                                  | 11.00 | 15.00 |
| Imp., Filler Clay                                     | 15.00 | 23.00 |
| Coating   | 20.00 | 25.00 |
| Chinoidin, 140 lb drs                                 | .48   | .49   |
| Chloral Hydrate, USP 100 lb drs                       | .60   | .65   |
| 25 lb jars  | .68   | .70   |
| Chloramine-T, 200 lb bbls                             | 1.25  | 1.50  |
| Chloroform, 5 lb bot.                                 | .55   | .65   |
| Chlorhydrin, Ethylene anhyd. 600 lb drums             | .75   | .85   |
| 40% soln. 100 lb drs                                  | .25   | .30   |
| CHLORINE, Liquid, tank or multi-unit car wks contract | .04   | .04%  |
| Tank car spot wks                                     | .04%  | .04%  |
| Carlota cyl. wks, contract                            | .05%  | .05%  |
| spot, wks   | .05%  | .05%  |
| le-l cyl. wks, contract                               | .08   | .09   |
| Spot wks  | .08%  | .09%  |
| Chlorobenzene, monu. 100 lb drs                       | .08   | .10   |
| Dr. e/l wks   | .07%  | .07%  |
| Tank car lots wks                                     | .07%  | .07%  |
| CHLOROFORM USP, 50 lb. drs                            | .23   | .30   |
| Second Hands, 650 lb drs                              | .25   | .27   |
| Technical, 650 lb drums                               | .22   | .25   |
| Chlorophyll, Oil Sol.                                 | 2.50  | 2.75  |
| Water Sol.  | 3.75  | 4.00  |
| Caronium Acetate, 20% soln. 400 lb bbls               | .05%  | .05%  |
| Fluoride, Powd., 400 lb bbls                          | .24   | .28   |
| Oxide, Green, bbls                                    | .34%  | .35%  |
| Chrome Greens, CP                                     | .26%  | .28   |
| Comm.   | .08%  | .11   |
| Chrome Yellow   | .18   | .20   |

|   |       |       |
|---|-------|-------|
| Chrysarobin Powd. 400 lb bbls   | .350  | .350  |
| Cinchonidin alk. powd 100 oz. tins  | .60   | .60   |
| Crystal   | .65   | .65   |
| Cinchonidin Sulfate, 1000s tins   | .35   | .35   |
| Resale, 1000s lots  | .33   | .33   |
| Cinchonine alk. powd. 100 oz tins   | .38   | .38   |
| Crystal   | .43   | .43   |
| Sulfate 100 oz tins   | .36   | .36   |
| Citric Acid, see Acid Citric  |       |       |
| Citrine Ointment, see Mercury   |       |       |
| Coal Tar, See Tars  |       |       |
| Cobalt metal, 100 lb kegs   | 2.50  | 3.00  |
| Cobalt Oxide, 500 lb bbls   | 2.10  | 2.10  |
| 10 lb tins, 200 lb cases  | 2.20  | 2.20  |
| COCAINE alk., USP, 1 oz. vial   | 10.57 | 10.57 |
| Hydrochloride, USP-1 oz. vials, 25 oz.  | 8.07  | 8.07  |
| In 1/4 oz. vials  | 8.50  | 8.50  |
| In crystals, granular, powder, or flaky crystals as desired.  |       |       |
| Cocoa Butter, bulk, 200 lb halves   | .29   | .31   |
| e-l   | .37   | .37   |
| Fingers, cakes, etc., 12 lb bxs   | .27   | .27   |
| CODEINE, alk., oz. vials. 10 oz. lots   | 9.27  | 9.27  |
| Hydrobromide, 1 oz. vials, 10 oz. lots  | 7.92  | 7.92  |
| Hydrochloride, 1 oz. vials, 10 oz. lots   | 7.42  | 7.42  |
| Nitrate, 1 oz. vials, 10 oz. lots   | 8.37  | 8.37  |
| Phosphate, 1 oz. vials, 10 oz. lots   | 7.42  | 7.42  |
| Salicylate, 1 oz. vials, 10 oz. lots  | 7.42  | 7.42  |
| Sulfate, 1 oz. vials, 10 oz. lots   | 7.92  | 7.92  |
| Small sizes, 1/4 oz. vials, 50c extra, 1/2 oz. extra, single 7c extra, per oz.—25 oz lots, 10c oz. cheaper than above. Less than 10 oz. 15c oz. higher than above |       |       |
| CODLIVER OIL, Norwegian, 20 gal bbls  | 38.50 | 42.00 |

|                                     |           |           |
|-------------------------------------|-----------|-----------|
| Colchicine alk., USP, 1 oz vial oz. | 20.00     | 20.00     |
| Salicylate 1 oz. vial               | 35.50     | 35.50     |
| Colloid USP 30 lb drums             | .23       | .23       |
| 600 lb drums                        | .23       | .23       |
| Flexible, drums                     | .24       | .25       |
| COPPER metal electrolytic e/l       |           |           |
| NY                                  | 14.12 1/4 | 14.25     |
| Lake c-l NY                         | 14.12 1/4 | 14.25     |
| Casting c-l NY                      | 13.62 1/4 | 13.62 1/4 |
| Carbonate 400 lb bbls               | .16%      | .17%      |
| Chloride, 250 lb bbls               | .23       | .23       |
| Cyanide, 100 lb drs                 | .48       | .50       |
| Iodide, 5 lb bot.                   | 5.85      | 5.85      |
| Oxide, red 1000 lb bbls, ton lots   | .16%      | .17       |
| Sub-Acetate, verd. 440 lb bbls      | .20       | .21       |
| SULFATE crys, 450 lb bbls le/l      | 4.55      | 4.65      |
| spot                                | 4.35      | 4.40      |
| Carlota bbls spot, 100 lb           | 4.35      | 4.40      |
| Carlota bbls FOB NY 100 lb          | 5.60      | 5.65      |
| Powdered, 350 lb 5 bbls 100 lb      | 12.00     | 13.00     |
| Copperas bulk e-l NY wks            | 15.00     | 16.00     |
| 200 lb bbs. e-l wks                 | 16.00     | 17.00     |
| 400 lb bbls e-l wks                 | 1.90      | 2.00      |
| Powdered, bbls                      | 1.25      | 1.35      |
| Sugar, 400 lb bbls                  | 3.31      | 3.31      |
| Corn Syrup, 42 deg., 50 gal bbls    | 3.36      | 3.43      |
| 43 deg. 50 gal bbls                 | 3.43      | 3.50      |
| 44 deg. 50 gal bbls                 | 3.50      | 3.50      |
| 45 deg 50 gal bbls                  | 3.40      | 3.43      |
| Corn Sugar, see Glucose             |           |           |
| Cotton Soluble, 100 lb bbls wet     | 34.00     | 35.00     |
| Cottensseed, Meal, 7%               | 3.10      | 3.25      |
| Coumarin, 25 lb tins 100 lb         | .22       | .23%      |
| CREAM TARTAR, USP, 300 lb bbls      | .21       | .21%      |
| Imp., powd., USP, 224 bbls          | .48       | .43       |
| Cresote, USP, 42 lb drs             | 1.70      | 1.80      |
| Carbonate, 100 lb a., 50 lb a.      | .13       | .15       |
| Cresote Oil, 50 gal drs             | .20       | nom.      |
| Cresol, USP, 400 lb drums           | .19       | .20       |
| Cudbear, English                    |           |           |



# "MENTHOL-Y"

Reg. U. S. Pat. Off.

Chemically identical with  
JAPANESE MENTHOL  
and at a much lower price.

Write for sample

The New York Quinine & Chemical Works, Inc.

99-117 N. 11th St., Brooklyn, N. Y.  
St. Louis Depot: 304 S. Fourth Street



## Chemicals

|  |       |       |                                     |       |       |                                     |        |
|--|-------|-------|-------------------------------------|-------|-------|-------------------------------------|--------|
| Gambier 25% liq. 450 lb bbls ..        | .12   | .14   | HAARLEM OIL, Dom. 6 gr ea gr        | 2.10  | 3.25  | Iodine Tinct USP, 50 gal bbl. gal   | 4.85   |
| Common, 300 lb cases ..                | .19%  | .20   | Imported 5 gr cases ..              | 3.65  |       | Carbonyl ..                         | 4.90   |
| Singapore cubes, 150 lb bags ..        | .33   |       | Halazone 5 lb bot ..                | 2.75  | 3.25  | Second Hands ..                     | 4.85   |
| Gelatin, USP silver 1 lb 100 lb cas .. | .60   | .65   | HEMATINE, Paste, 500 lb bbls ..     | .09   | .12   | Crystals, 10 lb bot ..              | 6.00   |
| Gold Label, 100 cases ..               | 1.00  |       | Crystals, 400 lb bbls ..            | .12   | .30   | Iodides, see Potass. Iodide, etc.   |        |
| Technical, 100 lb cas ..               | .45   | .50   | Hemlock, 25% 600 lb bbls. wia ..    | .03%  | .03%  | Iodoform, powd., 10 lb bot ..       | 6.00   |
| Pure Food, 50 lb bbls ..               | .55   | .60   | Hemlock, bark ..                    | 20.00 |       | Iridium, metal 10 oz lots ..        | 260.00 |
| Sheets ..                              | .55   | .65   | Hexachlorethane Drums wia ..        | .45   |       | Iron, metal by hydrogen 1 lb bot .. | .70    |
| CLAUSER'S SALT, tech. 200 lb bags      |       |       | Hexalene, 50 gal dra., wia ..       | 4.75  |       | IRON & AMM. CITRATE, USP 50 lb      |        |
| e/l wia., ..                           | 1.10  | 1.20  | Hexamethylenetetramine, USP         |       |       | case ..                             | .69    |
| le/l wia., ..                          | 1.35  | 1.45  | 100 lb drums ..                     | .60   | .62   | Green scales, 500 lb ..             | .60    |
| 350 lb bbls., e/l wia., ..             | 1.35  | 1.35  | Imported ..                         | .58   |       | Bromide ..                          | 1.10   |
| Bbls. le/l wia., ..                    | 1.60  | 1.60  | Rubber Makers, Impalp. Pd.          |       |       | Caecodylate, 100 lb bot ..          | 8.00   |
| Imported, bags NY ..                   | .75   | .80   | dra ..                              | .80   | .82%  | Citrate, USP VIII 25 lb cans ..     | .94    |
| USP, 300 lb bbls. Imp. sp. 100 lb      | 1.75  | 1.75  | Homatropine Hydrobrom. USP 1 oz     | 14.50 |       | Chloride, see Ferric or Ferrous     |        |
| USP, 300 lb bbls. e/l wia. 100 lb      | 1.75  | 1.75  | vials ..                            | 13.50 |       | Hypophosphite, 5 lb cans ..         | 1.55   |
| Calcined, see Sodium Sulfate           |       |       | Five oz., 1 oz vials ..             | 21.00 |       | Syrup USP 5 lb, bot ..              | .35    |
| Glucose, (Grape Sugar) dry, 100        |       |       | Hydrastine, Alk., USP, 1 oz vial .. | 20.50 | 21.00 | Iodide, 1 lb bot ..                 | 4.38   |
| 70° bags e-l NY ..                     | 3.14  | 3.24  | Hydchilde, USP, 1 oz vial ..        | 20.50 | 21.00 | Syrup, USP, 5 lb bot ..             | .35    |
| 80° bags e-l NY ..                     | 3.24  | 3.34  | Second Hands ..                     | 16.00 |       | Nitrate, kegs ..                    | .09    |
| Tanners' Special 100 lb bags 100 lb    | 3.14  | 3.14  | Sulfate 1 oz vial ..                | 22.50 | 23.00 | Cum'l, bbls ..                      | 2.50   |
| GLUE, pure white, bbls ..              | .32   | .36   | Hydrastinine Hydchilde, USP 16 gr   | 40.00 |       | Oxalate scales, 25 lb cans ..       | .88    |
| Medium white, bbls ..                  | .30   | .34   | vials ..                            | 40.00 |       | Oxide, red, Spanish ..              | .02%   |
| French, bbls ..                        | .18   | .30   | HYDROGEN PEROXIDE, 35 vol 400 lb    |       |       | English ..                          | .10    |
| High Grade, bbls ..                    | .35   | .40   | bbls ..                             | .07   | .07%  | Perchloride, see Ferric Chloride    |        |
| Bone, regular, bbls ..                 | .10   | .12   | 100 vol 140 lb chys ..              | .32   | .34   | & Ammon, Oxalate, 25 lb bxs ..      | .37    |
| Fish, bbls ..                          | 1.50  | 1.75  | USP Soln. 375 lb bbls ..            | .04   | .05   | & Potassium Oxalate, 250 lb         | .40    |
| Hide bbls ..                           | .14   | .24   | 100 vol 145 chys ..                 | .40   |       | bbls ..                             | .40    |
| GLYCERIN, C.P. 550 lb drums ..         | .25   | .30   | USP bot. 4 oz. cases ..             | 7.75  | 8.00  | & Sodium Oxalate, 24 lb bxs ..      | .32    |
| Cans, 50 lb ..                         | .27%  | .28   | Bot. 8 oz. cases ..                 | 11.10 | 12.00 | Phosphate, USP, 50 lb ..            | .69    |
| Dynamite 100 lb dr ..                  | .24   | .25   | Bot. 16 oz. cases ..                | 18.25 | 19.00 | Pyrophosphate, USP, 50 lb ..        | .74    |
| Saponification tanks ..                | .17%  | .18   | Hydroquinone, 100 lb kegs ..        | 1.25  | 1.50  | JALAP RESIN, lump, 5 lb tins ..     | 4.00   |
| Soap, Lye tanks ..                     | .15%  | .16   | Hyoscine Hydrobrom, USP 1 oz.       |       |       | Powd. tins ..                       | 4.65   |
| Gos Powder, see chrysarobin            |       |       | vial ..                             | 13.57 |       | KIESELGUHR, 95 lb bags NY ..        | 60.00  |
| Graphite, crude, 220 lb bags ..        | 15.00 | 25.00 | Five oz., 1 oz vial ..              | 13.07 | 13.57 | LANOLIN, see Adeps Lanæ             |        |
| Flake, 500 lb bbls ..                  | .05   | .09   | Hyocyanine Alk Cryst, 1 oz vial ..  | 35.07 |       | Larch, 25%, 600 lb bbls wia ..      | .03%   |
| Ground ..                              | .04   | .05   | Alkaloid, Amorphous, 1 oz vial ..   | 75.07 |       | Powd., 100 lb bags, wia ..          | .09    |
| Gualacol liquid USP, 100 lb chys ..    | 2.00  | 2.25  | Hydrochromide, USP, 1 oz vial ..    | 35.07 |       | LEAD, metal e-l NY ..               | .09%   |
| Crystals ..                            | 2.25  | 2.50  | Sulfate, 1 oz vial ..               | 35.07 |       | Acetate, white crystals, 500 lb     |        |
| Bismutate, 1 lb bot ..                 | 13.00 |       | Hyperic, 51°, 600 lb bbls ..        | .12   | .15   | bbls, wia ..                        | .14%   |
| Carbonate, 5 lb boxes ..               | 2.50  | 2.75  | Hyperic, chips ..                   | .06%  | .07   | 100 to 250 lb kegs, wia ..          | .15%   |
| Second Hands ..                        | 2.10  | 2.15  | Indigo, Madras, bbls ..             | 1.25  | 1.30  | White, broken, bbls, wia 100 lb     | 15.00  |
|  |       |       | 20% paste drums ..                  | .14   | .15   | White, gran bbls, wia 100 lb        | 15.00  |
|  |       |       | IODINE, crude 200 lb kegs ..        | 4.20  | 4.25  | White, powd. bbls wia 100 lb        | 15.25  |
|  |       |       | Sublimed, 10 lb jars ..             | 4.65  | 4.70  | Brown, broken bbls wia ..           | .13%   |

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PRICES CURRENT SECTION

## Chemicals

| LEAD ACETATE (Cont.)             |      |      | LITHOPHANE (Continued)              |       |       | MANGANESE DIOXIDE (Cont.)         |       |       |
|----------------------------------|------|------|-------------------------------------|-------|-------|-----------------------------------|-------|-------|
| USP, 100 lb bags                 | .19  | .19% | Imported, 400 lb bbls               | .05%  | .06   | Hydrated, precip., 100 lb keg     | .15   | .23   |
| Arsenate, 100 lb bags            | .13  | .14  | Litman Cubes                        | .90   | 1.00  | Glycerophosphate, 5 lb. tin       | 2.90  | 3.00  |
| Bbls. c/l wks                    | .13% | .13  | Second hands                        |       | .75   | Hypophos USP VIII 5 lb vials      | 1.35  | 1.40  |
| Bbls. 1c/l wks                   | .13  | .12% | Logwood, 51", 600 lb bbls           | .08%  | .08%  | Iodide, 1 lb bot                  | 6.40  | 6.65  |
| Paste, 100 & 600 lb bbls         | .08  | .09  | Lower grades                        | .07%  | .08   | Ore, bulk C.I.F. NY               | .43   | .44   |
| Iodide, USP, VIII 5 lb bot       | 3.30 | 3.40 | Solid, 50 lb boxes                  | .12   | .15   | Sulfate 550 lb drums NY           | .07   | .07%  |
| Nitrate, 500 lb bbls. wks        |      | .14  | LOGWOOD, sticks                     | 26.00 | 27.00 | Mangrove, 55% 400 lb bbls         | .03%  | nom.  |
| Oxide, Litharge, 500 lb bbls     |      | .15% | Chips, 150 lb bags                  | .03   | .03%  | Mangrove, bark, African           |       | 44.00 |
| 100 kgs wks                      | .14% | .15% | Laminar, see Phenylethylmalonylurea |       |       | Marble Flour, bulk                | 10.00 | 12.00 |
| Oxide, red, 500 lb bbls. wks     |      | .12% | Madder, Dutch                       |       | .30   | See also Calcium Carbonate        |       |       |
| 100 lb kgs wks                   | .13% | .13% | MAGNESITE calcined, 500 lb bbls     | 14.25 | 17.50 | MENTHOL, USP, 60 lb cases         | .750  | 8.00  |
| Gleite, bbls.                    | .17% | .18  | Magnesium, mil. sticks 100 lb c/l   |       |       | Less case, 5 lb tin               |       | 8.00  |
| Peroxide, 100 lb drs             | .25  | .30  | Wks                                 |       | .35   | Synthetic                         |       | 7.75  |
| White, basic carb. 500 lb bbls   |      | .10% | Bromate                             |       | 1.50  | MERCURY, metal 75 lb flasks       | 88.00 | 89.00 |
| 100 lb kgs wks                   | .14% | .15% | Carb tech 70 lb bags NY             | .06%  | .06%  | Less Flasks 5 lb jugs             |       | 1.38  |
| White sulfate 500 lb bbls. wks   |      | .10  | 75 lb bbls NY                       | .08   | .08%  | Nichloride, cryst. 25 lb bxs      |       | 1.91  |
| Licorice Ext. Mass cases         | .21  | .22  | USP, 100 lb bbls                    | .09%  | .10   | Gran. powd. 200 lb kgs            |       | 1.16  |
| Compound powder, bbls            | .11  | .13  | English oz. Blocks                  | .17   | .19   | Bisulfate, 25 lb boxes            |       | 1.14  |
| Powdered                         | .35  | .36  | Chloride, fused 575 lb drs c/l      |       | 24.00 | Blue Mass, 25 lb boxes            |       | .74   |
| Sticks, 1 cr. 100 lb cases       | .30  | .35  | Wks                                 |       | 36.00 | Powdered, 25 lb boxes             |       | .76   |
| LIME, (Salts, see Calcium Salts) |      |      | Flaked, 350 lb drs. wks c/l         |       | 30.50 | Blue Glintment, USP, 25 lb cans   |       | .99   |
| Ground Stone, bags               |      | 4.50 | Imp. Flaks Shipt                    |       | 31.00 | 50%                               |       | .74   |
| Lime, bulk                       |      | 3.50 | Imp. fused 900 lb bbls NY           | 28.00 | 30.00 | USP, dilute 25 lb cans 30%        |       | .80   |
| Lime, 325 lb bbls. ton lots      |      | 1.05 | Fluocilicite, crystals 400 lb bbls  |       |       | 32% Mercury                       |       | 1.45  |
| Wks. 100                         |      | 1.05 | Wks                                 | .12   | .15   | Calomel, 50 lb bxs                |       | .52   |
| Single bbl, wks                  |      | 1.05 | 30% soln. 500 lb bbls. wks          | .07   | .07%  | Chlorine Glintment 25 lb jars     | .51   | .410  |
| Hydrated, 167 lb bbl. ton lots   |      | .25  | Soln. bbls. c/l wks                 |       | .06   | Iodide, green 25 lb jars          |       | 4.30  |
| Wks                              |      | .31  | Glycerophosphate, 5 lb tin          | 3.30  | 3.35  | Red, USP, 25 lb jars              |       | 4.10  |
| Single bbl. wks                  |      | .03% | Oxide, USP light, 100 lb bbls       |       | 1.05  | Yellow, USP, VIII 25 lb jars      |       | 2.04  |
| Oyster Shell, 150 lb bbl sing.   |      | .08% | USP, heavy, 250 lb bbls             |       | 2.40  | Tech.                             |       | 1.43  |
| Sulfur, dry 300 lb drs NY        |      | .08% | Peroxide, 5 lb cans                 |       | 2.63  | Red Precip. USP, 25 lb bxs        |       | 1.66  |
| Soln. c/l NY                     |      | .08  | Pertoxide, 1 lb tin                 |       | .75   | Powder, USP, 25 lb bxs            |       | 1.67  |
| 33° Soln. 50 gal bbls NY gal     | .15  | .16  | Sulphate, 100 lb bags               |       | .08   | White Precip. USP, 25 lb bxs      |       | 1.72  |
| Linalool, 5 lb bot               | 6.35 | 6.75 | Sulfate see Epsom Salts             |       |       | Powdered, USP, 25 lb bxs          |       | .74   |
| Litharge see lead oxide          |      |      | Manganese Borate, 30%               |       |       | With chalk, USP, 25 lb bxs        |       | .77   |
| Lithium Carb. USP, 100 lb kgs    | 1.45 | 1.50 | 300 lb bbls                         |       | .24   | Meta-Nitro-para-Toluidine, 300 lb |       | 1.80  |
| Bromide, 100 lb ca.              | 1.80 | 1.90 | 100 lb bags                         |       | .25   | bbls                              |       |       |
| Citrate, USP, 100 lb kgs         | 1.70 | 1.75 | Chloride, 600 lb cans               |       | .08   |                                   |       |       |
| Iodide 5 lb bot                  |      | 8.40 | Dioxide, 80-84% 900 lb bbls         |       |       |                                   |       |       |
| Lithopone, 400 lb bbls, 1c/l wks |      | .05% | NY                                  | 88.00 | 88.00 |                                   |       |       |
| Bbls. c/l wks                    |      | .05% | 82-90% 900 lb bbls. NY ton          | 83.00 | 90.00 |                                   |       |       |
| Bags, c/l wks                    |      | .05% |                                     |       |       |                                   |       |       |

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|   |        |               |
|---|--------|---------------|
| <b>Meta-Phenylenediamine, 300 lb</b>        |        |               |
| bbls  | ..     | .25 : .90     |
| <b>Meta-Toluylenediamine, 300 lb</b>        |        |               |
| bbls  | ..     | .73 : .77     |
| <b>METHANOL (Wood Alcohol)</b>              |        |               |
| 95% tanks                                   | gal    | .. : .55      |
| Drums, c/l                                  | gal    | .. : .57      |
| Drums 1c/l                                  | gal    | .. : .52      |
| 97% tanks                                   | gal    | .. : .57      |
| Drums, c/l                                  | gal    | .. : .59      |
| Drums, 1c/l                                 | gal    | .. : .64      |
| Pure, Acetate free, tin                     | gal    | .. : .65      |
| Drums, c-l                                  | gal    | .. : .58      |
| Drums, 1c-l                                 | gal    | .. : .70      |
| Bbls, incl. 6c higher                       | gal    | .. : .65      |
| U.S. denat. grd., tanks                     | gal    | .. : .68      |
| Drums 1c-l                                  | gal    | .. : .70      |
| Drums 1c-l                                  | gal    | .. : .95      |
| Methyl Acetate drums                        | gal    | .. : .85      |
| <b>Methyl Acetone, 100 gal drums</b>        |        |               |
| Tanks, care                                 | gal    | .. : .80      |
| Chloride, 90 lb cyl                         | gal    | .. : .60      |
| Salicylate, USP, 50 lb cans                 | lb     | .. : .43      |
| 500 lb drums                                | lb     | .. : .41      |
| <b>Methylene Blue, tech. 100 lb kgs</b>     |        |               |
| USP, medicinal 5 lb cans                    | lb     | 1.30 : 1.50   |
| USP, medicinal 5 lb cans                    | lb     | 2.10 : 2.25   |
| Mitcher's Ketone, 225 lb bbls               | lb     | 3.00 : 3.25   |
| Milk, powd., 150 lb bbls                    | lb     | .. : .14      |
| Milk Sugar, see sugar of milk               |        |               |
| Mineral Oil, see oil mineral                |        |               |
| Mineral Rubber                              | ton    | 35.00 : 75.00 |
| Mining Salts Drums wks                      | lb     | .. : .23      |
| <b>Monobromobenzene See Bromobenzene</b>    |        |               |
| <b>Monacetine, See Acetone</b>              |        |               |
| <b>Monochlorobenzene, see chlorobenzene</b> |        |               |
| <b>Monethylaniline, 900 lb drs</b>          |        |               |
| ..  | ..     | .. : 1.95     |
| <b>Mesomethyl paraminophenol sulfate</b>    |        |               |
| 100 lb drs                                  | lb     | 2.95 : 4.20   |
| MORPHINE ALK., USP 5 oz tin                 | oz     | 9.20 : 9.30   |
| <b>MORPHINE (Cont.)</b>                     |        |               |
| Acetate, 5 oz tins 10 oz lots               | oz     | .. : 7.35     |
| Hydrobromide, 5 oz. tins 10 oz.             | oz     | .. : 7.35     |
| lots  | ..     | .. : 7.35     |
| Hydchlide, 5 oz. tins 10 oz.                | oz     | .. : 7.35     |
| lots  | ..     | .. : 7.35     |
| Ethyl Hydchlide, 5 oz tins 10               | oz     | .. : 8.25     |
| oz  | ..     | .. : 7.35     |
| Sulfate, 5 oz tins 10 oz lots               | oz     | .. : 7.35     |
| Small Sizes: 1/4 oz. vials, 50c extra;      |        |               |
| 3/4 25c extra; single oz. vial, 7c ex-      |        |               |
| tra, over price for 5 oz. tins. 25 oz.      |        |               |
| lots in 5 oz. tins, 10c oz. lower than      |        |               |
| above schedule. Low than 10 oz lots         |        |               |
| 15c oz. higher than above schedule.         |        |               |
| Musk Ambrette, 1 lb cans                    | lb     | 10.50 : 11.75 |
| Myrobalsam, 25% liquid bbls                 | lb     | .. : .04      |
| 50% solid, 50 lb boxes                      | lb     | .. : .08      |
| Myrobalsam, bags J-                         | ton    | 43.00 : 45.00 |
| R2  | ton    | .. : 35.00    |
| New crop                                    | ton    | .. : 39.75    |
| J2  | ton    | .. : 39.75    |
| New Crop                                    | ton    | .. : 39.75    |
| <b>NAPHTHA, see Solvent Naphtha</b>         |        |               |
| <b>NAPHTHALENE, Flake, 175 lb bbls</b>      |        |               |
| wks   | lb     | .. : .05%     |
| Bbls, c-l wks                               | lb     | .. : .05%     |
| Bbls., second hands NY                      | lb     | .. : .05%     |
| Balls, 250 lb bbls wks                      | lb     | .. : .06%     |
| Bbls c-l wks                                | lb     | .. : .06%     |
| Bbls second hands NY                        | lb     | .. : .06%     |
| Crushed, shipped, bgs. wks                  | lb     | .. : .05      |
| Crude, imp. bags                            | lb     | .. : .01%     |
| <b>NICKEL</b>                               |        |               |
| Ingot, 100 lb kgs                           | ..     | .. : .34      |
| Chloride, bbls, kgs                         | ..     | .. : .21      |
| Oxide 100 lb kgs, NY                        | ..     | .. : .38      |
| Salt single 400 lb bbls NY                  | ..     | .. : .08      |
| Double 400 lb bbls, NY                      | ..     | .. : .08%     |
| Sulfate, See Nickel Salt, single            |        |               |
| Nickel Metal, electrolytic                  | 100 lb | .. : 34.00    |
| Nicotina, Free 40% 8 lb tins                | lb     | 1.10 : 1.20   |
| NITRATE SODA, spot, See Sodium Nitrate      |        |               |
| Nitre Cake, bulk wks                        | ton    | 4.50 : 5.50   |
| 500 lb bbls                                 | ton    | 12.00 : 14.00 |
| <b>Nitrobenzene, crude, 1000 lb drs</b>     |        |               |
| wks   | lb     | .. : .09%     |
| Redistilled, 1000 lb drs wks                | lb     | .. : .10      |
| Nitrogenous Material bulk                   | unit   | .. : 3.60     |
| Nitronaphthalene, 550 lb bbls               | lb     | .. : .35      |
| Nitrotoluene, mixed 1000 lb drs             | lb     | .. : .15      |
| wks   | lb     | .. : .14      |
| Nutgalls, see Crude Drugs                   |        |               |
| Oak bark, whole                             | ton    | 20.00 : 23.00 |
| Ground                                      | ton    | 45.00 : 50.00 |
| Oak, tanks, wks                             | lb     | .. : .03%     |
| 23-25% liq., 600 lb bbls wks                | lb     | .. : .04      |
| Solid, powd                                 | lb     | .. : .07%     |
| Ochre                                       | lb     | .. : .03%     |
| Oil Fuel, see Fuel Oil                      |        |               |
| <b>OIL MINERAL, wh, 50 gal bbls gal</b>     |        |               |
| Russian                                     | gal    | .80 : .90     |
| ..  | gal    | .95 : 1.00    |
| <b>Oil Mirbane, see nitrobenzene</b>        |        |               |
| <b>Opium, see crude drugs</b>               |        |               |
| Orange Mineral, 1100 lb casks NY            | ..     | .. : .14%     |
| 700 lb bbls NY                              | ..     | .. : .14%     |
| Ortho-Aminophenol, 50 lb kgs                | lb     | 2.15 : 2.25   |
| Ortho-Anisidine, 100 lb drs                 | lb     | 2.75 : 3.00   |
| Ortho-Dichlorobenzene, see Dichlorobenzene  |        |               |
| <b>Ortho-Nitrochlorobenzene, 1200 lb</b>    |        |               |
| dr. wks                                     | lb     | .. : .33      |
| Ortho-Nitrophenol, 350 lb                   | lb     | .. : .90      |
| Ortho-Nitrotoluene, 1000 lb drs.            | lb     | .. : .95      |
| wks   | lb     | .. : .13      |
| Ortho-Toluidine 350 lb bbls                 | lb     | .. : .20      |
| Orange Orange, 51° Liquid                   | ..     | .. : .07%     |
| Powd., 100 lb bags                          | lb     | .. : .14%     |
| Crystals                                    | lb     | .. : .16      |
| Oxalal, USP, 5 lb bot.                      | lb     | 1.75 : 2.50   |
| Purified, 5 lb bot.                         | lb     | 2.00 : 2.50   |
| Crude, 5 lb bot.                            | lb     | 1.00 : 1.25   |
| <b>PALLADIUM, metal 10 oz. lots</b>         |        |               |
| ..  | ..     | 80.00 : 81.00 |
| Pancreatin, USP, 5 lb bot                   | lb     | 2.25 : 2.50   |
| Papain, 10 lb bot. USP Powr.,               | ..     | .. : 3.50     |
| Crude, 150 lb cases                         | ..     | .. : ..       |
| <b>Paraffin, ref'd 200 lb ca. alabs</b>     |        |               |
| 118-120 Dek M. F.                           | lb     | .. : .09      |
| 123-127 Deg. M. F.                          | lb     | .. : .06%     |

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## Chemicals

|  |      |             |  |      |             |  |        |          |
|--|------|-------------|--|------|-------------|--|--------|----------|
| <b>*PARAFFIN (Cont.)</b>               |      |             | <b>PARIS GREEN (Cont.)</b>             |      |             | <b>Phthalic Anhydride, 100 lb. bbls.</b>         |        |          |
| 133-133 Deg. M. F. ....                | D    | .07% : .07% | Packings, 5 and 3 Bu. ....             | D    | .33 : .34   | via ..... D                                      | .13    | : .30    |
| 133-137 Deg. M. F. ....                | D    | .08 : .08%  | Packings, 1 lb., 1/4 lb., 1/2 lb. .... | D    | .35 : .36   | <b>PILLOCARPINE HYDROCHLORIDE, U.S.P. 35 gm.</b> |        |          |
| 133-140 Deg. M. F. ....                | D    | .08% : .10  | Paris White, see writing, French       |      |             | lots, 1 cu. vial. ....                           | 4.00   | : 4.50   |
| Para-Aminocetamid, 100 lb              |      |             | Papain, U.S.P., 5 lb. bot. 1:3000 ..   | D    | 2.50 : 2.75 | Nitrate, 25 gm. ....                             | 4.00   | : 4.50   |
| bag ..... D                            | 1.00 | : 1.05      | 1:8000 bottles ..... D                 | 5.00 | : 5.25      | Single, 100 gm. ....                             | 4.50   | : 4.50   |
| Para-Antipyrine, 100 lb bag ..         | D    | 1.10 : 1.15 | 1:10,000 bottles ..... D               | 8.25 | : 8.50      | Alkaloid, 15 gr. via .....                       | 3.5    | : 3.5    |
| Hydrochloride, 100 lb bag ..           | D    | 1.35 : 1.35 | Peptone, powd., 5 lb ..... D           |      | 1.25        | Pine Oil, etm. dist. bbls. ....                  | 3.5    | : 3.5    |
| Para-Dichlorobenzene, 150 lb bbl.      |      |             | PETROLATUM, green 300 lb bbls. D       | .02% | .03         | Destructive dist. .... D                         | .63    | : .64    |
| via ..... D                            | .17  | : .20       | Dark Amber, 300 lb bbls. .... D        |      | .04%        | Piperazine Hydrate, 1 lb bot. ....               | 15.00  | : 15.00  |
| 25-50 lb bag ..... D                   | .15  | : .22       | Light Amber, 300 lb bbls. .... D       |      | .04%        | Piperidine, 25 gm. ....                          | 1.10   | : 1.25   |
| Paraldehyde, U.S.P., 100 gal. dr. gal  |      |             | Cream White, U.S.P. 300 lb bbls. D     | .07  | : .07%      | Pitch, Coal-Tar, via ..... ton                   | 24.00  | : 28.00  |
| Tech. .... D                           |      | .30         | Lily White, U.S.P., 300 lb bbls. D     |      | .07%        | Pitch, prime ..... bbl                           | 8.00   | : 10.50  |
| Para-Cymene, Retd., 110 gal. dr. gal   | 2.25 | : 2.50      | Snow White U.S.P., 300 lb bbls. D      |      | .12%        | Plaster Paris, tech. 250 lb bbls. bbl            | 3.30   | : 3.30   |
| Paraformaldehyde, U.S.P., 100 lb cs D  | .43% | .45         | Phenol, see also acid carbolic         |      |             | True Dental, 300 bbls. .... bbl                  | 4.50   | : 4.50   |
| Para-Nitroacetanilid, 300 lb           |      |             | Makers 950 lb drums spot .... D        | .21  | : .22       | Platinum, metal soft 10 gm lots. ....            | 120.00 | : 120.00 |
| bbls ..... D                           | .50  | : .55       | Small drums 240-100 lb .... D          | .23  | : .24       | Potaphyllin, 5 lb bot. ....                      | 4.50   | : 4.75   |
| <b>PARA-NITROANILINE, 300 lb bbls</b>  |      |             | Open market drums ..... D              |      | .21         | Second Hands ..... D                             | 4.20   | : 4.30   |
| via single bbl ..... D                 |      | .53         | 240 lb dos. drs. via ..... D           |      | .23         |  |        |          |
| Para-Nitrochlorobenzene, 1200 lb drs.  |      |             | Natural, 240 lb dos. drs. via. ....    |      |             | <b>POTASH SALTS, rough</b>                       |        |          |
| via ..... D                            | .20  | : .23       | Phenolphthalein, U.S.P., 100 lb drs. D | 1.30 | : 1.40      | Pot. Murate basis 80% bag ..... ton              | 24.90  | : 24.90  |
| Para-Nitro-ortho-Toluidine, 300 lb     |      |             | 5 lb cans, 100 lb lots ..... D         | 1.40 | : 1.50      | Pot. Sulfate, basis, 90% bag. .... ton           | 45.85  | : 45.85  |
| bbls ..... D                           | 2.75 | : 2.85      | Phenyl-Alpha-Naphthylamine 100 lb      |      |             | Pot. & Mag. Sulfate, basis 48%                   |        |          |
| Para-Nitrophenol, 185 lb bbls. ....    | D    | .50 : .55   | bag ..... D                            | 1.23 | : 1.29      | bag ..... ton                                    | 26.35  | : 26.35  |
| Para-Nitrotoluidimethylaniline, 120 lb |      |             | Phenylethylmalonylurea, ca. phs. ....  |      | 5.50        | Manure Salts basis 30% bulk ton ....             | 18.00  | : 18.00  |
| bbls ..... D                           | .63  | : .94       | Phosgene, 100 lb cylinders ..... D     |      |             | Manure Salts, basis 20% bulk ton ....            | 11.35  | : 11.35  |
| Para-Nitrotoluene 350 lb bbls. ....    | D    | .35 : .37   | Phosphate Acid, 16% Bulk via unit      | .60  | : .65       | Kainit, basis 12.4% bulk ..... ton               | 8.50   | : 8.50   |
| Para-ox Benzaldehyde, 100 lb           |      |             | Phosphate Rock, f.o.b. mine            |      |             | Bulk in bags, \$2.00 extra.                      |        |          |
| bag ..... D                            |      | 1.70        | Florida Pebble 68% ..... ton           | 2.75 | : 3.00      | Prices c.i.f. Atlantic & Gulf Ports.             |        |          |
| Para-Phenetidine, 500 lb drs. ....     | D    | 1.55 : 1.55 | Florida Pebble 70% ..... ton           | 3.00 | : 3.25      | Dioxane, 50 tons. 5%; 500 tons 10%               |        |          |
| Para-Phenylenediamine, 350 lb          |      |             | Florida 72% ..... ton                  | 3.75 | : 4.00      | <b>POTASH, CAUSTIC, solid 88-92%</b>             |        |          |
| bbls ..... D                           | 1.30 | : 1.35      | Florida Pebble, 75-74% ..... ton       | 4.25 | : 4.50      | 100 lb drs via ..... D                           | .07%   | : .07%   |
| Para-Toluene-Sulfonamide, 175 lb       |      |             | Tennessee, 72% ..... ton               |      | 5.50        | Imp, 88-92% 700 lb drs. NYD                      | .07%   | : .07%   |
| bbls ..... D                           | .60  | : .61       | Phosphorus Oxchloride, 175 lb cyl. D   | .35  | : .40       | U.S.P. by alcohol 5 lb cans. ....                | .45    | : .48    |
| Para-Toluene-Sulfonchloride, 410 lb    |      |             | Phosphorus, red 110 lb cs ..... D      | .68  | : .70       | cases ..... D                                    | .30    | : .33    |
| bbls. via ..... D                      | .15  | : .30       | Yellow, 110 lb cs via ..... D          |      | .33         | <b>POTASSIUM</b>                                 |        |          |
| Para-Toluidine 350 lb bbls via D       | .50  | : .60       | Imported, 110 lb cs via D              | .35  | : .37%      | Acetate, U.S.P., 100 lb                          |        |          |
| <b>PARIS GREEN</b>                     |      |             | Phosphorus Trichloride, 175 lb cyl.    |      |             | bag ..... D                                      | .29    | : .30    |
| Arsonic Basis, 500 lb bag. ....        | D    | .19 : .30   | via ..... D                            |      | .45         | Second Hands, bag ..... D                        | .26    | : .33    |
| Kags, 100 lb. .... D                   | .31  | : .32       |  |      |             | Sulfonate, cry. 320 lb bbls. ....                | .09    | : .10    |
| Ktns. 50, 25, 14 lb. .... D            | .33  | : .33       |  |      |             | Bichromate crys., 725 lb csks. ....              | .08    | : .08%   |

# MONSANTO



## MONSANTO SALICYLATES

*The Standard*

MONSANTO SALICYLATES are the standard among discriminating buyers because of their uniformity and purity.

*Inquiries are invited regarding:*



|                                     |  |   |
|-------------------------------------|--|---|
| Acetyl Salicylate Acid<br>(Aspirin) | Calcium Salicylate<br>Sodium Salicylate<br>Ammonium Salicylate | Magnesium Salicylate<br>Potassium Salicylate<br>Protassium Salicylate |
|-------------------------------------|--|---|

*Manufactured by*

### Monsanto Chemical Works

ST. LOUIS, U.S.A.

New York
Chicago

## Chemicals

## POTASSIUM (Cont.)

|                                   |               |
|-----------------------------------|---------------|
| Bisulfate, C.P., 5 lb cans....D   | : .30         |
| 100 lb bags.....D                 | : .23         |
| Bromate, 100 lb cs.....D          | : .25         |
| BROMIDE, USP, cryst., 450 lb      |               |
| bbls.....D                        | : .40         |
| Granular, 300 lb bbls....D        | : .40         |
| Cases, 100 lb.....D               | : .50         |
| Imported, USP, 220 lb cs D        | : .37         |
| Shipment.....D                    | : .42½        |
| CARBONATE, 80-85% calc.           |               |
| 800 lb cks.....D                  | : .05½ : .05% |
| 80-85%, hydrated, 800 lb          |               |
| cks.....D                         | : .05½        |
| 80-85% calc. casks.....D          | : .06 : .06½  |
| 84-85% calc. casks.....D          | : .06 : .06½  |
| 89% calc. casks.....D             | : .07 : .07½  |
| USP, 100 lb bags.....D            | : .11 : .11½  |
| 99% C.P. casks.....D              | : .12½        |
| Chlorate, crys., 112 lb bag. c/l  |               |
| via.....D                         | : .08½ : .09  |
| Imp. 112 lb bags NY.....D         | : .08½ : .08½ |
| Powd., 112 lb bags, via....D      | : .08½ : .09  |
| Imp. bags NY.....D                | : .08½ : .08½ |
| Gran. Imp. 112 lb bags NY..D      | : .10½ : .11  |
| Pyrotechnic, line powd. NY..D     | : .07         |
| USP, fine powder, 110 lb bags     |               |
| NY.....D                          | : .14 : .16   |
| Crys.....D                        | : .12         |
| Gran.....D                        | : .14         |
| Chloride, crys bbls.....D         | : .08½ : .08½ |
| Citrate, USP, 50 lb.....D         | : .60         |
| Cyanide, 110 lb cases.....D       | : .52 : .54   |
| glycerophosphate, 75% Soln. 25 lb |               |
| tins.....D                        | : 1.25 : 1.20 |
| 10 lb.....D                       | : 1.00 : 1.25 |
| Hypophosphite, 10 lb cans....D    | : .80 : .85   |
| Iodide, USP, 100 lb cases.....D   | : 3.75 : 3.80 |
| Lactophosphate 4 oz bot.....D     | : .90         |
| Metalnautite, 300 lb bbls....D    | : .10 : .11   |
| Imp., 550 lb bbls D.....D         | : .10 : .11   |

## POTASSIUM (Cont.)

|  |                 |
|--|-----------------|
| Muriate, 80%, 200 lb bags, NY                  |                 |
| K <sub>2</sub> O unit.....D                    | : .63           |
| Nitrate, see Saltpetre                         |                 |
| Oxalate, neutral 225 lb bbls...D               | : .10 : .20     |
| Perchlorate, 112 lb bags.....D                 | : .10½ : .11    |
| PERMANGAN, USP, crys. 500 lb                   |                 |
| & 100 lb div., via....D                        | : .15 : .16     |
| Imp. 112 lb drs.....D                          | : .14 : .15     |
| Fuminate red, 500 lb casks..D                  | : .37 : .38     |
| Fuminate, yellow 500 lb casks                  |                 |
| D.....D  | : .18 : .18½    |
| Sulphate, 25 lb cans.....D                     | : .60 : .65     |
| Sulfate, 300 lb bags, NY K <sub>2</sub> O unit |                 |
| USP, VIII 100 lb bags....D                     | : .15           |
| Sulfocyanide, CP 35 lb jars D                  | : .50           |
| Tartarate, neutral, 100 lb bags                |                 |
| D.....D  | : .51           |
| Titanium Oxalate, 200 lb bbls                  |                 |
| D.....D  | : .26 : .28     |
| Pumice Stone, lump, 250 lb bbls                |                 |
| D.....D  | : .04½ : .05    |
| Lump, bags.....D                               | : .04 : .05     |
| Powdered, 350 lb bbls.....D                    | : .02½ : .03    |
| Pyridine 50 gal drums.....gal                  | : 4.15 : 4.20   |
| QUEBRACHO, 35% liquid tins..D                  | : .03 : .03½    |
| 450 lb bbls c/l.....D                          | : .03½ : .04    |
| 35% bleaching, 450 lb bbls..D                  | : .04 : .05     |
| Solid 63%, 100 lb bales c&f D                  |                 |
| Jan-June.....D                                 | : .04½ : .04½   |
| Clarified 64% bales.....D                      | : .05           |
| Jan-June.....D                                 | : .04½ : .05    |
| Querciton, 51° 450 lb bbls...D                 | : .06½ : .07    |
| Solid, 100 lb boxes.....D                      | : .10 : .13     |
| Querciton bark, rough.....ton                  | : 14.00         |
| Ground.....ton                                 | : 34.00 : 35.00 |
| QUICKSILVER, see Mercury                       |                 |
| Quinidine Alk., 100 oz. tins....D              | : .70 : .75     |
| Sulfate, 100 oz. tins.....D                    | : .50           |
| Quinoline, see Chinoline                       |                 |
| QUININE SULFATE, USP.                          |                 |
| American 100 oz tins.....D                     | : .50           |
| 1 oz. tins 100 oz lots.....D                   | : .57           |
| Dutch 100oz tins.....D                         | : .50           |

## QUININE SULFATE, USP.

|                                      |        |
|--------------------------------------|--------|
| Java, 100 oz. tins.....D             | : .50  |
| Japanese, 100 oz. tins.....D         | : .50  |
| small.....D                          | : .47½ |
| Acetate.....D                        | : .55  |
| Arsenate.....D                       | : .55  |
| Benzoate.....D                       | : .55  |
| Bisulfate, USP.....D                 | : .45  |
| small.....D                          | : .37  |
| Citrate.....D                        | : .62  |
| Dihydrochloride, USP.....D           | : .60  |
| Dihydrobromide.....D                 | : .66  |
| Dicarbonate, 13 oz. tins.....D       | : 2.50 |
| Ethyl Carbonate, 16 oz tins....D     | : .70  |
| Ferrocyanide.....D                   | : .58  |
| Formate.....D                        | : .55  |
| Glycerophosphate.....D               | : .58  |
| Hydriodide.....D                     | : .58  |
| Hydrobromide, USP.....D              | : .63  |
| Hydrochloride, USP.....D             | : .62  |
| Hydrochlorosulfate.....D             | : .66  |
| Hydrochloride & Urea, USP.....D      | : .58  |
| Hypophosphite.....D                  | : .58  |
| Lactate.....D                        | : .73  |
| Phenolsulfonate.....D                | : .58  |
| Phosphate.....D                      | : .74  |
| Salicylate, USP.....D                | : .63  |
| Tannate, USP.....D                   | : .45  |
| Tartrate.....D                       | : .59  |
| Valerate.....D                       | : .59  |
| Small Sizes: 1 oz vials or cans,     |        |
| 50oz. lots, 5c ea extra; 5oz. cans,  |        |
| 50oz. lots 3c ea extra; 25oz. cans,  |        |
| 50oz. lots, 2c ea extra; single 1oz. |        |
| vials or cans, 5c extra. All minor   |        |
| quinine salts sold and quoted basis  |        |
| 100oz lots in 100oz cans. Sulfate    |        |
| and bisulfate sold basis 100oz.      |        |
| lots in 100 oz cans. Smaller orders  |        |
| or containers: extra as above        |        |
| schedule.                            |        |

# Selden Brand 99.99% Pure PHTHALIC ANHYDRIDE

ANTHRAQUINONE. Synthetic anthraquinone manufacturers using Selden Brand phthalic anhydride are assured of uniformity of raw material and finished product which, after all, is the first essential of sound business.

## THE SELDEN COMPANY

Pittsburgh, Pa., U.S.A.

## Chemicals

|   |         |         |                                      |         |           |  |      |        |
|---|---------|---------|--------------------------------------|---------|-----------|--|------|--------|
| Quinine, 100 lb bags ..... D                                    | 1.75    | : 2.25  | SALTPETRE, Double Refined            |         |           | Contract, Basis 58% coarse bags        |      |        |
| Red SALT, 250 bbls, wks ..... D                                 | .45     | : .47   | Granular, 400-500 lb bbls            |         |           | SODA ASH (Cont.)                       |      |        |
| Red Lead, see lead oxide  |         |         | c/l wks ..... D                      | .061%   |           | c/l wks, ..... 100 lb                  | ...  | 1.45   |
| Red Precipitate, see mercury                                    |         |         | Less c/l wks, bbls ..... D           | .06%    | .06%      | Pmpt and spot, Basis 58% bags          |      |        |
| Bennet, N.F., 5 lbs. (1:25,000) D                               | 2.95    | : 3.50  | Large Crystals, 350-400 lb bbls,     |         |           | c/l wks ..... 100 lb                   | ...  | 1.50   |
| Resorcin, see resorcinol  |         |         | c/l wks ..... D                      | .07%    |           | SODA, CAUSTIC, 76% solid               |      |        |
| Resorcinol, tech., 100 lb bags ..... D                          | 1.30    | : 1.35  | Triple refined, Granular, 350 lb     |         |           | 1-4 drums deliv'd NY ..... 100 lb      | ...  | 3.91   |
| URP, 25 lb cans ..... D   | 2.35    | : 2.35  | bbls 1/c/l ..... D                   | .06%    | .06%      | 5 & Up drums deliv'd NY ..... 100 lb   | ...  | 3.76   |
| Rockwell Salt, USP, 225 lb bbls D                               | .30     | : .30%  | Powdered, bbls c/l wks ..... D       | .07%    |           | Ground & Flaks, 76%                    |      |        |
| Imp. USP, 300 lb bbls ..... D                                   | .19     | : .19%  | Imported, 500 lb bbls NY ..... D     | .06%    | .06%      | 1-4 drums, deliv'd NY ..... 100 lb     | ...  | 4.31   |
| Resewater, triple, 5 gal. demis. gal                            | .85     | : .90   | Santonin, USP, 1 lb bot ..... D      | 141.00  | : 145.00  | 5 & up drs deliv'd NY ..... 110 lb     | ...  | 4.16   |
| Resins. (Sold in 600 lb bbls, gross for net.)                   |         |         | Powd. 1 lb bot ..... D               | 142.00  | : 147.00  | 1-4 bbls deliv'd ..... 100 lb          | ...  | 4.56   |
| B ..... 280 lb  | ...     | 13.60   | Saponin, refined, 5 lb tins ..... D  | 1.25    | : 1.50    | 5 & up bbls deliv'd ..... 100 lb       | ...  | 4.41   |
| D ..... 280 lb  | ...     | 13.70   | Crude ..... D                        | 1.00    | : 1.25    | Contract basis 76% c/l wks             | ...  | 8.10   |
| E ..... 280 lb  | ...     | 13.75   | Batic White, 500 lb bbls ..... D     | ...     | .01%      | Pmpt and spot, Basis 76%               |      |        |
| F ..... 280 lb  | ...     | 13.85   | Scopolamine, see hyoscyne            |         |           | c/l wks, ..... 100 lb                  | ...  | 3.20   |
| G ..... 280 lb  | ...     | 13.95   | Seldits Mixture, 225 lb bbls ..... D | .16%    | : .16%    | Contract 74% low grade c/l             |      |        |
| H ..... 280 lb  | ...     | 14.00   | SILICA                               |         |           | wks, flat ..... 100 lb                 | ...  | 3.02   |
| I ..... 280 lb  | ...     | 14.05   | Crude, bulk, mines ..... ton         | 6.00    | : 7.00    | Ground & flaks, 76% pmpt. and          |      |        |
| K ..... 280 lb  | ...     | 15.35   | Refined, floated, bags ..... ton     | 18.00   | : 30.60   | spot, wks, c/l drs ..... 100 lb        | ...  | 3.60   |
| M ..... 280 lb  | ...     | 15.60   | Air floated, bags ..... ton          | 32.00   | : 50.60   | Contract 76% drums c/l wks,            |      |        |
| N ..... 280 lb  | ...     | 16.10   | Extra, floated, bags ..... ton       | 55.00   | : 65.00   | flat ..... 100 lb                      | ...  | 3.50   |
| WG ..... 280 lb   | ...     | 16.40   | Colloidal, 12oz bot ..... oz         | ...     | 2.80      | URP, stick, 10 lb cans ..... D         | .19  | : .21  |
| WW ..... 280 lb   | ...     | 16.60   | SILVER, metal American oz ..... oz   | ...     | .68%      | Pure, stick, by alcohol ..... D        | .25  | : .27  |
| (Sold in 600 lb bbls net, quotations based on a unit of 280 lb) |         |         | Iodide, 16 oz bot ..... oz           | ...     | .69       | Soda Sal. see Sodium Carbonate         |      |        |
| Roan Oil first run 50 gal bbls gal                              | ...     | .73 1/4 | Nitrate 16 oz bot ..... oz           | ...     | .46%      | Sodium Metal, 12 1/4 lb bricks ..... D | ...  | .27    |
| Second run bbl ..... gal  | ...     | .78 1/4 | Nucleinate 1 oz bot ..... oz         | ...     | .41       | SODIUM ACETATE, crys. 450 lb bbls      |      |        |
| Roten Stone lump imp bbls ..... D                               | .07     | : .08   | Bulk, ..... oz                       | ...     | .36       | Wks ..... D                            | .04% | .05    |
| Lump selected, bbls ..... D                                     | .09     | : .12   | Protinate, 1 oz bot ..... oz         | ...     | .36       | Aluminate 500 lb bbls wks D            | .07% | .08    |
| Powdered bbls ..... D   | .02     | : .05   | Bulk ..... oz                        | ...     | .29       | Aluminate Sulfate, see alum soda       |      |        |
| Domestic, bags mines ..... 24.00                                | : 30.00 |         | Soap, Castile, 40 lb tins ..... D    | .30     | : .26     | Arsenic, 4 lb mat, wks drummed         | .50  | : .60  |
| SACCHARIN, USP, 10 lb cans, 25 D                                | 1.75    | : 1.85  | Powd. USP, 250 lb bbls ..... D       | .28     | : .30     | Drums, 8 lb material, wks gal          | 1.00 | : 1.20 |
| Soluble, USP, 10 lb cans, 25 D                                  | 1.75    | : 1.85  | Green, USP, 450 lb bbls ..... D      | .07 1/2 | : .08 1/2 | Resinate, USP, 100 lb bbls ..... D     | .50  | : .55  |
| Soda, Flour, 150 lb bags ..... D                                | ...     | .95     | Soapstone, see Talc. crude           |         |           | Bicarbonate, 400 lb bbls NY 100 D      | ...  | 2.41   |
| Sol Ammoniac, see Ammon. Chloride                               |         |         | SODA ASH, 58% light                  |         |           | Bbls c/l wks ..... 100 lb              | ...  | 2.00   |
| Soda, see Sodium Carbonate                                      |         |         | 1-4 bags, deliv'd NY ..... 100 lb    | ...     | 2.19      | 112 lb bags c-l wks ..... D            | ...  | 2.25   |
| Sulfate, USP, 1 lb cartons, 25 D                                | 5.00    | : 5.25  | 5 & Up bags deliv'd NY ..... 100 lb  | ...     | 2.64      | 112 lb bags NY ..... 100 lb            | ...  | 2.66   |
| Sulfate, USP, 100 lb drums ..... D                              | .30     | : .30   | 1-4 bbls, deliv'd NY ..... 100 lb    | ...     | 2.64      | Bichromate, 500 lb cans wks D          | .06% | : .06% |
| Salt, Common, see sodium chloride                               |         |         | 5 & Up bbls deliv'd NY ..... 100 lb  | ...     | 2.39      | Casks c-l NY ..... D                   | .06% | : .06% |
| Salt Cake 94-96% c-l wks ..... ton                              | 19.00   | : 20.00 | Contract, Basis 58% bags c/l         |         |           | Casks, NY ..... D                      | .06% | : .06% |
| White, 87% wks ..... ton  | 14.00   | : 15.00 | wks, ..... 100 lb                    | ...     | 1.38      | Blauite, dry powder, 500 D             | .04  | : .04% |
|   |         |         | Prompt and spot, Basis 58% bags      |         |           | bbls wks ..... D                       | ...  | .03%   |
|   |         |         | c/l wks ..... 100 lb                 | ...     | 1.48      | Imported ..... D                       | ...  | .03%   |

Soda Ash

Bicarbonate of Soda

Caustic Soda

Modified Soda

Special Alkali



## QUALITY

The additional value in  
Diamond Alkalies that main-  
tains them as the Standard.



DIAMOND ALKALI COMPANY  
PITTSBURGH, PA.



**T**HERE is a feeling of security  
and satisfaction in the reali-  
zation that you are purchasing

## ALKALI

from the largest source of supply.

Solvay 58% Soda Ash  
Dense—Light  
Solvay Fluf (Extra Light Soda Ash)  
Solvay 76% Caustic Soda  
Solid—Flake—Ground  
Solvay Super Alkali  
Solvay Snowflake Crystals  
(Trademark Registered)  
Solvay Laundry Soda  
Solvay Cleansing Soda  
Solvay Tanners Alkali  
Solvay Tanners Soda  
Solvay Liquid Caustic Soda  
Solvay Calcium Chloride 73%—75%



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## Chemicals

## SODIUM—(Continued)

|                                  |       |         |
|----------------------------------|-------|---------|
| BROMIDE, USP, 450 lb bbls..      | .48   | : .49   |
| Cases, 50 lb .....               | .48   | : .49   |
| Imp. USP., 220 lb cases ..       | .42½  | : .43   |
| Bromate, 100 lb ca. ....         | ...   | : 1.15  |
| Cacodylate, USP, 25 lb ..        | 5.90  | : 6.10  |
| Carbonate Sal Soda 350 lb. bbls. | 1.30  | : 1.35  |
| 1c/l NY .....                    | 1.30  | : 1.30  |
| Monochrylate, 400 lb bbl.        | ...   | : 2.40  |
| 1c/l NY .....                    | ...   | : 2.40  |
| Pure photographic 100 lb         | .06   | : .08   |
| kg .....                         | .06½  | : .08½  |
| Chlorate, 112 lb kgs, wks ..     | .06½  | : .08½  |
| Imported, 112 lb kgs .....       | .06½  | : .08½  |
| Chloride, tech .....             | 12.00 | : 13.00 |
| C. P., 300 lb bbls.....          | .05   | : .06   |
| Chromate 800 lb bbl.....         | ...   | : .08   |
| Citrate, USP, IX, 50 lb bbls     | .52   | : .54   |
| kg .....                         | .45   | : .47   |
| USP, VIII, 50 lb bbls kgs        | ...   | : .30   |
| Cyanide 98-98% 100 & 250 lb      | ...   | : .19   |
| wks .....                        | ...   | : .18   |
| 1c/wks .....                     | ...   | : .09   |
| Imp. 95-97% 100 lb drms ..       | ...   | : .09½  |
| c-l .....                        | ...   | : .09   |
| Fluoride, 300 lb bbls, wks...    | 1.40  | : 1.55  |
| Imp. 700 lb cks .....            | 1.45  | : 1.60  |
| Glycerophosphate USP, 25 lb      | 1.05  | : 1.20  |
| cases .....                      | ...   | : .05   |
| Powder, 25 lb tins .....         | ...   | : .04   |
| Solution, USP, 25 lb tins..      | .22   | : .24   |
| Hydroxide, see Soda Caustic      | .30   | : .35   |
| Hypochlorite Soln, 100 lb chyb   | ...   | : .24   |
| 14½% soln, 50 lb chyb ..         | ...   | : .35   |
| Hypocrite, 200 lb bbls.f.o.b.wks | ...   | : .70   |
| For Stripping, 50 lb cans ..     | ...   | : .75   |
| Hypophosphite, USP, 25 lb cans   | ...   |         |

## SODIUM—(Continued)

|                                    |      |        |
|------------------------------------|------|--------|
| HYPOSULFITE, tech. pos crys.       | 2.85 | : 3.05 |
| 375 lb bbls, wks..100 lb           | ...  | : 2.50 |
| Bbls, c/l wks .....                | 2.80 | : 3.00 |
| 100 lb kgs, wks .....              | 2.75 | : 3.00 |
| Imp .....                          | 2.40 | : 2.65 |
| Regular crys, bbls. wks.100 lb     | 2.40 | : 2.50 |
| Bbls, c/l wks .....                | 2.00 | : 2.10 |
| Keps, wks .....                    | 2.35 | : 2.45 |
| Imp .....                          | 4.25 | : 4.30 |
| Iodide, USP, 25 lb jars.....       | .70  | : .75  |
| Metadlate, 150 lb bbls.....        | ...  | : 1.10 |
| Molybdate 100 lb kgs .....         | .55  | : .57  |
| Naphthionate, 300 lb bbls ..       | ...  | : 2.63 |
| Nitrate crude, 95% 300 lb bgs      | 2.63 | : 2.67 |
| c-l NY .....                       | ...  | : .03½ |
| Dec-Jan Shipment NY 100 lb         | ...  | : .05½ |
| Double Refined 400 lb bbls         | ...  | : .09  |
| gran. c/l wks .....                | ...  | : .08½ |
| Powdered bbls c/l wks .....        | ...  | : .09  |
| Nitrite, 500 lb bbls spot makers   | ...  | : .09  |
| Imp. 650 lb casks .....            | ...  | : .09  |
| Ortho-Chloro-Toluene Sulfonate,    | ...  | : .27  |
| 175 lb bbls, wks.....              | .20  | : .23  |
| Oxalate, neutral, 100 lb kgs..     | .21  | : .22  |
| Perborate, 275 lb bbls .....       | .21  | : .22  |
| Permanganate, 200 lb cans ..       | ...  | : .27  |
| Phosphate, di-sodium, tech. 550 lb | 3.40 | : 3.75 |
| Bbls .....                         | .07  | : .07½ |
| USP, gran, 275 lb bbls.....        | .04½ | : .05½ |
| Imp. gran .....                    | .07½ | : .08  |
| USP, Crystal, 275 lb bbls ..       | .30  | : .31  |
| Monosodium, 100 lb kgs.....        | ...  | : 3.90 |
| Tri-sodium tech. c-l bbls 100 lb   | ...  | : .60  |
| Picramate, 100 lb kgs .....        | .08  | : .09  |
| Para-Toluene Sulfonate 175 lb      | ...  | : .10  |
| bbls .....                         | .10  | : .10½ |
| PRUSSIAN, yellow, 350 lb bbls      | ...  | : .10½ |
| wks .....                          | .24  | : .26  |
| Imp 50 lb cks .....                | ...  | : .40  |
| Pyrophosphate, 100 lb kgs ..       | ...  | : .40  |
| Sulfolate, 100 lb kgs .....        | ...  | : .40  |
| Second hands, USP, kgs .....       | ...  |        |

## SODIUM—(Continued)

|                                    |      |        |
|------------------------------------|------|--------|
| Silicate, 40° turbid, tanks        | ...  | : .75  |
| wks .....                          | ...  | : 1.10 |
| 55 gal drums, wks.100 lb           | ...  | : 1.10 |
| 40° clear, tanks, wks.100 lb       | 1.20 | : 1.45 |
| 55 gal. dra, wks.....              | ...  | : .80  |
| 42° turbid, tks, wks.100 lb        | ...  | : 1.15 |
| 55 gal. dra, wks.....              | ...  | : 1.25 |
| 42° clear, tanks, wks.100 lb       | 1.35 | : 1.75 |
| 55 gal. dra, wks.....              | .04½ | : .05  |
| Silicofluoride, 450 lb bbls NY     | .42½ | : .43½ |
| Stannate, 100 drums .....          | ...  |        |
| Sulphate, see Glauber's Salt       | ...  |        |
| Sulfate, Anhydrous, 550 lb bbls    | ...  | : .03½ |
| c-l wks .....                      | .02  | : .02½ |
| Imp., 250 lb bbls .....            | ...  | : .04½ |
| Sulfide, 65% solid, 650 lb dra,    | ...  | : .04  |
| 1c/l wks .....                     | ...  | : .03½ |
| Dra. c/l wks .....                 | ...  | : .04½ |
| Imp. 700 lb dra NY .....           | ...  | : .04½ |
| 60% broken, 650 lb dra. wks.       | ...  | : .02½ |
| Dra. c/l wks .....                 | ...  | : .02½ |
| 30% crys. 440 lb bbls. wks.        | ...  | : .03½ |
| Imp. 400 lb bbls .....             | ...  | : .03½ |
| Sulfite, crys. 400 lb bbls. wks.   | ...  | : .03½ |
| Anhydrous, 400 lb bbls.....        | .33  | : .34  |
| Sulfocarbonate, USP, 100 lb kgs    | .40  | : .45  |
| Sulfocyanide, 400 lb bbls .....    | .75  | : .80  |
| Tungstate, crys., 100 lb kgs       | ...  |        |
| SOLVENT NAPHTHA, 110 gal.          | ...  |        |
| dra. wks .....                     | .40  | : nom. |
| 8,000 gal tank carwagals           | .85  | : nom. |
| Spartine Sulfate, USP, 25 ozs bulk | ...  | : .60  |
| Single oz. vial .....              | ...  | : .77  |
| Spruce, 25% Liquid tanks, wks      | .01  | : .01½ |
| bbls .....                         | ...  | : .01½ |
| Powd. 50% 100 lb bags. wks.        | .02  | : .02½ |
| Starch, rice, 140 lb bags.....     | .00  | : .10  |

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## Chemicals

|  |        |         |
|--|--------|---------|
| STARCH, powd, 140 lb bgs c-1 100 lb        | ...    | 3.22    |
| Bags 1c-1 .....                            | 100 lb | 3.32    |
| Pearl, 140 lb bgs .....                    | 100 lb | 3.12    |
| Bags 1c-1 .....                            | 100 lb | 3.22    |
| Potato domestic, 200 lb bgs-1 lb           | ...    | .08     |
| Imported bags duty paid .....              | lb     | .08     |
| Wheat, dom thick bgs .....                 | lb     | .08 1/4 |
| Thin bgs .....                             | lb     | .09 1/4 |
| Sol. Potato .....                          | lb     | .07     |
| STRONTIUM Bromide, USP, 50 lb              | ...    |         |
| bags .....                                 | lb     | .51     |
| Carb. N. F. 600 lb bbls. wks               | lb     | .30     |
| 100 lb kegs, wks. ....                     | lb     | .08     |
| Iodide, USP, 25 lb jars .....              | lb     | 4.00    |
| Nitrate 600 lb bbls NY .....               | lb     | .08     |
| Imp., bbls NY .....                        | lb     | .08     |
| Sulphate, USP, 100 lb kegs .....           | lb     | .75     |
| STYCHNINE Alkaloid, USP, crys.             | ...    |         |
| 100 oz. tins .....                         | oz.    | .61     |
| Japanese cans .....                        | oz.    | .75     |
| Alk., powd. USP .....                      | oz.    | .51     |
| Acetate .....                              | oz.    | .55     |
| Glycerophosphate, USP, .....               | oz.    | .55     |
| Hydrochloride .....                        | oz.    | .55     |
| Hydrochloride .....                        | oz.    | .55     |
| Hypophosphate .....                        | oz.    | .55     |
| Nitrate, USP, .....                        | oz.    | .55     |
| Phosphate .....                            | oz.    | .55     |
| Sulfate, USP, crys powd .....              | oz.    | .42     |
| Saccharinate .....                         | oz.    | 1.15    |
| Strychnine preparations quoted bases       |        |         |
| 1000s lots in 1000s tins. Small sizes:     |        |         |
| 1/4 oz vials, 50c extra; 1/2 oz vials, 25c |        |         |
| extra; single ounce vials, 7c extra. Lots  |        |         |
| of 25 oz. 5c higher than above             |        |         |
| schedule. Lots of less than 25 oz.         |        |         |
| 10c higher per oz.                         |        |         |
| Sugar Coloring (See Caramel)               | ...    |         |
| Sugar Milk, USP, 200 lb bbls .....         | lb     | .20     |
| Second Hands, USP, bbls .....              | lb     | .18     |
| Sulfonal, sec Sulfonmethane                | ...    |         |
| Sulfonethylnmethane, USP, 10 lbs. lb       | ...    | 2.85    |
| Sulfonmethane, USP, 10 lb bbs lb           | ...    | 2.85    |

|                                       |        |         |
|---------------------------------------|--------|---------|
| SULFUR                                | ...    |         |
| Crude, f.o.b. mines .....             | ton    | 17.00   |
| Brimstone, 250 lb bags c/1100 lb      | ...    | 2.15    |
| Less c/1 bags NY .....                | 100 lb | 2.05    |
| Roll, 500 lb bbls. c/1 NY. 100 lb     | ...    | 2.30    |
| Less c/1 bags NY .....                | 100 lb | 2.35    |
| Flour, Heavy, bags .....              | 100 lb | 2.70    |
| Light 100% bags .....                 | 100 lb | 2.80    |
| Rubbermakers 100% .....               | 240 lb | 3.05    |
| bbls, NY .....                        | 100 lb | 3.30    |
| Commercial, 99% c-1 150 lb bgs        | ...    |         |
| NY .....                              | 100 lb | 1.40    |
| For Ducting, c-1 99% .....            | 100 lb | 2.05    |
| bgs NY .....                          | 100 lb | 2.05    |
| Flowers, 100% 155 lb bbls             | ...    |         |
| N Y .....                             | 100 lb | 3.35    |
| Precipitated, 125 lb bbls. NY. lb     | ...    | .17     |
| Lac, 125 lb bbls. NY .....            | lb     | .10     |
| Sulfur Chloride, red, 700 lb drs.     | ...    |         |
| wks .....                             | lb     | .05     |
| 150 lb chys wks .....                 | lb     | .08 1/2 |
| Yellow, 700 lb drs wks .....          | lb     | .08 1/2 |
| Sulfur Dioxide, 100 lb cyl .....      | lb     | .08     |
| Iodide, USP, VIII, 5 lb bot. lb       | ...    | 4.55    |
| Sulfuryl Chloride, 600 lb drs .....   | lb     | .45     |
| Sumac, extract, liquid 450 lb bbls lb | ...    | .95     |
| C.P. 450 lb bbls. ....                | lb     | .10 1/2 |
| Stainless, 600 lb bbls .....          | lb     | .11     |
| Sumac, Sicily leaves 100 lb bags ton  | ...    | 130.00  |
| Ground Shipment .....                 | ton    | 95.00   |
| Virginia, 150 lb bags .....           | ton    | 55.00   |
| TALC, Italian 220 lb bags NY. ton     | ...    | 40.00   |
| Refined, white, bags .....            | ton    | 50.00   |
| French, 220 lb bgs. NY. ....          | ton    | 30.00   |
| Refined, white, bags .....            | ton    | 38.00   |
| Dom., crude, 100 lb bags NY. ton      | ...    | 12.00   |
| Refined 100 lb bags NY .....          | ton    | 16.00   |
| Tankage, ground, NY .....             | unit   | 4.25    |
| High grade f.o.b. Chicago. unit       | ...    | 3.25    |
| So. Am. c.l.f. ....                   | unit   | 4.15    |
| Tapioca Flour, high grade bgs. lb     | ...    | .05 1/2 |
| Medium grade, bags .....              | lb     | .04 1/2 |
| Low grade, bags .....                 | lb     | .03 1/2 |
| Tar Coke Oven, Tia. wks .....         | gal    | .07     |
| Water Gas, Tia. wks. ....             | gal    | .08     |

|                                       |     |         |
|---------------------------------------|-----|---------|
| Tar, kiln-burnt .....                 | bbl | 15.50   |
| Retort .....                          | bbl | 15.50   |
| Tartar Emetic tech., 700 lb bbls lb   | ... | .39     |
| USP, 300 lb bbls .....                | lb  | .31     |
| Tensilac 41, 100 lb drums .....       | lb  | .85     |
| Tensilac 69, 100 lb drums .....       | lb  | 4.80    |
| Terpin Hydrate, USP, 100 lb kegs lb   | ... | .45     |
| Terpineol, CP, 1000 lb drums .....    | lb  | .38     |
| Cans, 50 lb .....                     | lb  | .42     |
| Imported, cans 25 lb .....            | lb  | .43     |
| Terpinyl Acetate, 25 lb cans .....    | lb  | 1.65    |
| Terra Alba, No. 1, 300 lb bbs. 100 lb | ... | 1.85    |
| Tetralene, 50 gal drs. wks. ....      | gal | 1.43    |
| Theobromine Alk., 5 lb cans .....     | lb  | 3.60    |
| Sod. Salicylate, 1 lb bot. ....       | lb  | 2.92    |
| Thiocarbamid, 170 lb bbls .....       | lb  | .24     |
| Thymol, USP, 25 lb tins .....         | lb  | 4.25    |
| Iodide kegs .....                     | lb  | 6.75    |
| TIN, metal, Straits NY .....          | lb  | .63     |
| 99% American N Y .....                | lb  | .62 1/2 |
| Bichloride, 50% soln. 100 lb          | ... |         |
| bbls wks .....                        | lb  | .17 1/2 |
| Crystals, 500 lb bbls wks .....       | lb  | .43     |
| 100 lb kegs wks .....                 | lb  | .43 1/2 |
| Iodide 5 lb boxes .....               | lb  | .07 1/2 |
| Oxide 300 lb bbls wks .....           | lb  | .66     |
| 100 lb kegs wks .....                 | lb  | .61     |
| Recovered bbls .....                  | lb  | .60     |
| Tetrachloride, 100 lb drs wks lb      | ... | .36     |
| Titanium Oxide, bbls, wks. ....       | lb  | .13     |
| Tolidine, 350 lb bbls .....           | lb  | .90     |
| Sulfate, 350 lb bbls .....            | lb  | .80     |
| Toluene, 8000 gal tank cars wks gal   | ... | .35     |
| 110 gal drs wks .....                 | gal | .40     |
| Nitration, Tank cars, wks. ....       | gal | .37     |
| Drums, Wks. ....                      | gal | .42     |
| Non-corrosive, Tank cars, wks gal     | ... | .36     |
| Drums, wks .....                      | gal | .41     |
| Toluidine, Mixed, 900 lb drs. wks. lb | ... | .31     |
| Toners, para red .....                | lb  | .85     |
| Toluidine .....                       | lb  | 1.75    |
| Triacetin, 50 gal drs wks .....       | lb  | .35     |
| Tribromophenol, 100 lb cases .....    | lb  | 1.10    |
| Trional, sec Sulfonethylnmethane      | ... |         |
| Triphenylguanidine .....              | lb  | .69     |
| Triphenyl Phosphate, 450 lb bbls lb   | ... | .78     |

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|  |           |         |           |
|--|-----------|---------|-----------|
| Tripoli, 500 lb bbls .....                 | 100 lb    | 2.50    | : 3.00    |
| Tungsten, NY .....                         | W.O. unit | 12.00   | : 13.00   |
| Turkey Red Oil, bbls single .....          | D         | .11     | : .12     |
| double .....                               | D         | .16     | : .18     |
| Turpentine Spirits bbls .....              | gal       | .98 1/4 | : 1.03    |
| Wood steam Dist., bbls .....               | gal       | .88 3/4 | : .93     |
| Ultramarine Blue .....                     | D         | .15     | : .25     |
| UREA, pure, 112 lb cans .....              | D         | .18     | : .30     |
| Valonia Cups, 30-31% tan .....             | ton       |         | : 35.00   |
| Beard 42% tan, bags .....                  | ton       | 55.00   | : 57.00   |
| Mixture, 36% tan bags .....                | ton       |         | : 40.00   |
| VANILLIN, USP, 500 oz cans .....           | cs        |         | : .49     |
| Cans, 80 oz .....                          | cs        |         | : .50     |
| Cans, 16 oz .....                          | cs        |         | : .51     |
| Second Hands .....                         | cs        | .47     | : .49     |
| Venetian Red .....                         | D         |         | : .03     |
| Vermilion, Amer. 100 lb bags .....         | D         | .35     | : .40     |
| English, kegs .....                        | D         | 1.40    | : 1.45    |
| Veratrine Sulfate, 1 oz vial .....         | cs        |         | : 1.85    |
| Hydrochloride, 1 oz vial .....             | cs        |         | : 1.85    |
| Veronal, see Acid Diethylbarbituric        |           |         |           |
| Valuene, 250 lb bbls, wks .....            | D         | .75     | : .79     |
| Wattle Bark, bags .....                    | ton       | 39.50   | : 40.00   |
| Extract 55% chls bag ex-dock .....         | D         |         | : .05 1/4 |
| WHITE LEAD, see lead, white                |           |         |           |
| White Precipitate, see mercury             |           |         |           |
| Whiting, 200 lb bags, c/l wks 100 lb ..... |           |         | : 1.35    |
| Alba bags NY c-l .....                     | ton       |         | : 13.00   |
| Gilders, bags NY c-l .....                 | ton       |         | : 1.35    |
| French, bags NY c-l .....                  | ton       | 14.50   | : 19.00   |
| English, bags NY c-l .....                 | ton       | 21.00   | : 22.00   |
| Paris white bags c-l .....                 | ton       | 1.      | : 1.      |
| Witch Hazel Extract, 50 gal bbls gal ..... | gal       | 1.05    | : 1.10    |
| XYLENE, 3° dist range nitration            |           |         |           |
| 110 gal drs NY .....                       | gal       | .70     | : nom.    |
| 3° dist. range, 8000 gal tanks             |           |         |           |
| wks .....                                  | gal       | .55     | : nom.    |
| 110 gal drs wks .....                      | gal       | .60     | : nom.    |
| 10° dist. range drums, wks gal .....       | gal       | .55     | : nom.    |
| Tanks wks .....                            | gal       | .50     | : nom.    |
| Com'l 110 gal drs wks gal .....            | gal       | .41     | : nom.    |
| Tanks, wks .....                           | gal       | .36     | : nom.    |
| Kyditine, crude .....                      | D         |         | : .27     |
| Refined .....                              | D         | .40     | : .42     |

|   |        |         |           |
|---|--------|---------|-----------|
| YARA YARA, 1 lb tins .....              | D      | 1.95    | : 1.30    |
| Yokimbin Hydrochloride, 1 oz vial ..... | cs     | 3.15    | : 4.00    |
| Zinc .....                              | cs     |         | : 2.00    |
| Yolk Oil bbls .....                     | D      |         | : .35     |
| ZINC, METAL, high grade, slabs          |        |         |           |
| c-1 NY .....                            | 100 lb | 9.00    | : 9.05    |
| ammonium Chloride, powd., 400 lb        |        |         |           |
| bbls .....                              | D      |         | : .06 1/4 |
| Carb. tech bbls NY .....                | D      | .09 1/4 | : .10     |
| USP, 100 lb kegs .....                  | D      |         | : .20     |
| Chloride, fused, 800 lb drs wks .....   | D      |         | : .07 1/4 |
| Drs. c/l wks .....                      | D      |         | : .06     |
| Granulated, 500 lb bbls wks .....       | D      | .06 1/4 | : .08     |
| Imported dr NY .....                    | D      | .06 1/4 | : .07     |
| Solution, 50%, tanks wks 100 lb         |        |         | : 3.00    |
| USP, 25 lb jars .....                   | D      | .27     | : .29     |
| Cyanide, 100 lb drs .....               | D      | .40     | : .41     |
| Dust, 100 lb tins, wks .....            | D      |         | : .10     |
| 500 lb bbls kegs c/l wks .....          | D      |         | : .09     |
| 500 lb bbls, kegs, 1c/l wks .....       | D      |         | : .09 1/4 |
| Iodide, 5 lb bbls .....                 | D      |         | : 5.25    |
| Nitrate, 25 lb jars .....               | D      |         | : .45     |
| Oxide, Amer. Bags wks .....             | D      | .07 1/4 | : .07 3/4 |
| Amer 300 lb bbls wks .....              | D      | .07 1/4 | : .07 3/4 |
| French, 300 lb bbls wks .....           | D      | .10 1/4 | : .12 1/4 |
| Bbl. c-l wks .....                      | D      | .10 1/4 | : .12 1/4 |
| Bags, c-l wks .....                     | D      | .10 1/4 | : .12 1/4 |
| USP, 100 lb bbls c/l .....              | D      |         | : .14     |
| 10-25 bbl lots .....                    | D      |         | : .15     |
| 5 bbl lots .....                        | D      |         | : .16     |
| 1 bbl lots .....                        | D      |         | : .17     |
| Imported, white seal, bbls .....        | D      | .12     | : .13 1/4 |
| Green seal, bbls .....                  | D      | .11 1/4 | : .12     |
| Red seal, bbls .....                    | D      | .10 1/4 | : .11     |
| Stearate, USP, 50 lb bbls .....         | D      | .21 1/4 | : .24     |
| Small lots .....                        | D      | .23     | : .27     |
| Second hands .....                      | D      | .20     | : .21     |
| Sulfate, 400 lb bbls wks .....          | D      | .03 1/4 | : .03 3/4 |
| Bbls, c/l wks .....                     | D      |         | : .03     |
| USP 100 lb bbls .....                   | D      | .14     | : .15     |
| Sulfide, 500 lb bbls .....              | D      | .30     | : .33     |
| Sulfocarbonate, 100 lb bags .....       | D      | .30     | : .32     |
| Zirconium, oxide, pure .....            | D      | .45     | : .50     |
| Semi-ref'd. bag .....                   | D      | .08     | : .10     |
| Natural, bag .....                      | D      | .02 1/4 | : .03     |

## Oils - Fats

|  |     |         |           |
|--|-----|---------|-----------|
| Castor, No. 1, 400 lb bbls .....             | D   | .15     | : .15 1/4 |
| 80 lb cases .....                            | D   | .18     | : .18 1/4 |
| No. 3 bbls .....                             | D   | .14 1/4 | : .15     |
| Blown, 400 lb bbls .....                     | D   |         | : .18     |
| China Wood, spot NY .....                    | D   | .13     | : .13 1/4 |
| Tanks Spot NY .....                          | D   | .12 1/4 | : .12 3/4 |
| Coast tanks .....                            | D   | .11 1/4 | : .11 3/4 |
| Cocunut, Ceylon, 375 bbls NY .....           | D   | .11 1/4 | : .11 3/4 |
| 8,000 gal tanks NY .....                     | D   | .10 1/4 | : .10 3/4 |
| Cochin, 375 lb bbls NY .....                 | D   |         | : .13 1/4 |
| Tanks NY .....                               | D   |         | : .11     |
| Manila bbls NY .....                         | D   | .11 1/4 | : .11 3/4 |
| Tanks, Pacific Coast .....                   | D   | .10 1/4 | : .10 3/4 |
| Edible bbls NY .....                         | D   |         | : .13     |
| Cod Newfoundland, 50 gal bbls .....          | gal | .70     | : .71     |
| Tanks, NY .....                              | gal | .61     | : .63     |
| Cod Liver, see Cod Liver Oil under Chemicals |     |         |           |
| Copra, bags .....                            | D   | .06     | : .06 1/4 |
| Corn, ref., 375 lb bbls NY .....             | D   | .13     | : .13 1/4 |
| Tanks .....                                  | D   | .12     | : .12 1/4 |
| Croco tanks mills .....                      | D   | .09 1/4 | : .09 3/4 |
| Bble NY .....                                | D   | .12     | : .12 1/4 |
| Cottonseed crude tks mill .....              | D   |         | : .08 1/4 |
| PSY 100 bbls NY Dec .....                    | D   |         | : .106    |
| Jan-July .....                               | D   | .10 1/4 | : .11     |
| White, 100 bbls lots, NY .....               | D   |         | : .13 1/4 |
| Winter yellow, 100 bbls NY .....             | D   | .13     | : .13 1/4 |
| Degras, Amer. 50 gal bbls, NY .....          | D   | .04 1/4 | : .04 3/4 |
| English, light, bbls, NY .....               | D   | .05 1/4 | : .05 3/4 |
| Brown, bbls, NY .....                        | D   | .04 1/4 | : .04 3/4 |
| Light brown, bbls, NY .....                  | D   | .04 1/4 | : .04 3/4 |
| Dark, bbls, NY .....                         | D   | .03 1/4 | : .04     |
| Neutral, bbls, NY .....                      | D   | .07 1/4 | : .12     |
| Moellon, bbls, NY .....                      | gal |         | : .50     |
| Greases choice white bbls NY .....           | D   | .11 1/4 | : .11 3/4 |
| Yellow .....                                 | D   |         | : .09     |
| House .....                                  | D   |         | : .09 1/4 |
| Brown .....                                  | D   |         | : .08 1/4 |

# Formic Acid

# Oxalic Acid

# Tartaric Acid



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## Oils - Fats

|                             |     |      |      |
|-----------------------------|-----|------|------|
| Herring, Tanks, Coast       | gal | .40  | nom. |
| Horse, 375 lb bbls, NY      | gal | .10  | nom. |
| Lard, prime steam, bbls     | gal | .17% | .17% |
| Compounds, bbls             | gal | .14% | .14% |
| LARD OIL edible prime       | gal | .17% | .17% |
| Off prime bbls              | gal | .14% | .14% |
| Extra bbls                  | gal | .14% | .14% |
| Extra, No. 1, bbls          | gal | .13% | .13% |
| No. 1, bbls                 | gal | .13  | .13  |
| No. 2, bbls                 | gal | .12% | .12% |
| LINSEED, raw c-1 bbls spot  | gal | .121 | .121 |
| Five bbls raw               | gal | .125 | .125 |
| Tanks, raw                  | gal | .113 | .113 |
| Boiled, 5 bbl lots wks      | gal | .128 | .128 |
| Double boiled 5 bbl         | gal | .13  | .13  |
| Dec-April c-1 wks           | gal | .121 | .121 |
| Imported bbls, NY           | gal |      |      |
| Tanks, NY                   | gal |      |      |
| Menhaden, crude tanks, Balt | gal | .55  | nom. |
| Light pressed, bbls NY      | gal | .73  | .74  |
| Yellow, bleached bbls NY    | gal | .75  | .77  |
| Extra bleached bbls NY      | gal | .77  | .79  |
| Blown, bbls, NY             | gal | .10% | .10% |
| Neatafoot 20° c.t. bbls NY  | gal | .18% | .18% |
| Pure bbls NY                | gal | .15% | .15% |
| Extra bbls NY               | gal | .13% | .13% |
| No. 1, bbls NY              | gal | .13  | .13  |
| Geo Oils No. 1, bbls NY     | gal | .13% | .13% |
| No. 2, bbls NY              | gal | .11% | .11% |
| No. 3, bbls NY              | gal | .11  | .11  |
| OLIVE denatured bbls NY     | gal | 1.23 | 1.25 |
| Edible, bbls, NY            | gal | 2.00 | 2.80 |
| Foots bbls NY               | gal | .09  | .09  |
| Shipments                   | gal | .09% | .09% |
| Palm Lagos, 1500 lb casks   | gal | .09% | .09% |
| Niger casks                 | gal | .08% | .08% |
| Bonny old Calabar, casks    | gal | nom. | nom. |
| Palm Kernel bbl NY          | gal | .10% | .10% |

|                                     |     |      |      |
|-------------------------------------|-----|------|------|
| Peanut refined bbls NY              | gal | .15  | nom. |
| Crude, mills buyers' tks            | gal | .10  | .10  |
| Crude, bbls, NY                     | gal | .11  | .11  |
| Perilla, bbls NY                    | gal | .15% | .15% |
| Poppseed, bbls NY                   | gal | 1.85 | 2.00 |
| Rapeseed refined bbls NY            | gal | .93  | .95  |
| Brown bbls NY                       | gal | 1.14 | 1.15 |
| Red Oil, distilled bbls             | gal | .11% | .11% |
| Tanks                               | gal | .10% | .10% |
| Saponified, bbls                    | gal | .11% | .12  |
| Tanks                               | gal | .10% | .10% |
| Salmon, 8000 gal. tks. Coast        | gal | .50  | nom. |
| Sardine, Tanks, Pacific Coast, gal. | gal | .55  | .58  |
| Sesame, edible, yellow bbls         | gal | .13% | .14  |
| White                               | gal | .10  | .16% |
| Sod Oil, bbls, NY                   | gal | .40  | .40  |
| SOYA BEAN, crude tks, Pacific Cst   | gal | .10% | .10% |
| Crude, tks NY                       | gal | .12% | nom. |
| Crude, bbls NY                      | gal | .13% | .13% |
| Refined, bbls NY                    | gal | .14% | .14% |
| Sperm, 38° c.t. bichd. bbls NYgal   | gal | .87  | .89  |
| 45° cold test, bichd., bbls NYgal   | gal | .84  | .86  |
| STEARINE ACID, s.p. 200 lb bags     | gal | .15% | .15% |
| Double pressed, bags distilled      | gal | .15% | .16  |
| Double pressed, bags saponified     | gal | .15% | .16  |
| Triple pressed, bags, distilled     | gal | .18  | .18% |
| Triple pressed, bags saponified     | gal | .18  | .18% |
| Stearine oleo, bbls                 | gal | .14  | .14  |
| Tallow edible, tierres              | gal | .11% | .11% |
| City Extra loose                    | gal | .09% | .09% |
| Tallow Oil, acidless tks, NY        | gal | .11% | .11% |
| Bbls c-1 NY                         | gal | .13  | .13  |
| Walnut, crude bbls NY               | gal |      |      |
| Whale, nat winter bbls, NY          | gal | .70  | .78  |
| Blehd winter bbls, NY               | gal | .78  | .80  |
| Extra Bich, bbls, NY                | gal | .80  | .82  |
| Crude No 1, tanks coast             | gal |      |      |
| Crude No. 2, tanks coast            | gal |      |      |
| Crude No. 3 tanks coast             | gal |      |      |

## Crude Drugs

|                               |     |      |       |
|-------------------------------|-----|------|-------|
| Acrodon Gum, red, sea Yacon   | gal | .09  | .10   |
| ACONITE LEAVES, bales         | gal | .26  | .29   |
| Root, USP, bags               | gal | 1.30 | 1.40  |
| Agar Agar, 1, 200 lb bbls     | gal | 1.30 | nom.  |
| No. 2, bales                  | gal | 1.10 | 1.20  |
| No. 3, bales                  | gal |      | .80   |
| Shipment                      | gal | .90  | .95   |
| Agaric white, cases           | gal | 1.25 | 1.50  |
| Granulated, boxes             | gal | .55  | .60   |
| Almonds, bitter, boxes        | gal | .65  | .70   |
| Sweet, boxes                  | gal | .24  | .26   |
| Meal, barrels, boxes          | gal | .36  | .40   |
| Aletris Root, bags            | gal | .08% | .10   |
| Alkanet Root, bag             | gal |      | 1.25  |
| Aloes, Barbadoes, 120 lb bbls | gal | .12  | .14   |
| Cape, 400 lb cases            | gal | .11  | .11%  |
| Curacao, 100 lb cases         | gal |      | .82   |
| Socotrine whole, 300 lb cs    | gal | .45  | .50   |
| Althea Root Cut cs            | gal | .60  | .55   |
| Grd. & Pwd. bags              | gal | 8.00 | 10.00 |
| Ambergris, black boxes        | gal |      | 26.00 |
| Grey, boxes                   | gal | .75  | .80   |
| Ammoniac, tears, bags         | gal | .10  | .17   |
| Angelica Root, 40m bags       | gal | .15  | .20   |
| Angostura Bark, bags          | gal | .14% | .15   |
| Anise, Levant, bags           | gal |      | .18%  |
| Russian bags                  | gal | .17% | .18   |
| Star Case                     | gal | .13% | .13%  |
| Spanish bags                  | gal | .15  | .18   |
| Annatto Seed, 200 lb bags     | gal |      |       |
| ARABIC GUM.                   | gal |      |       |
| White, No. 1, 200 lb bags     | gal | .24  | .25   |
| Seconds, 250 lb bags          | gal | .22  | .23   |
| Sorts, Amber 200 lbs bbl      | gal | .13% | .13%  |
| Powd., USP, 300 lb bbls       | gal | .21  | .22   |
| Areca Nuts 150 lb bags        | gal | .18  | .25   |
| Powd., 200 lb bbls            | gal | .20  | .21   |
| Arnica Flowers, bales         | gal | .13  | .14   |
| Root, bags                    | gal |      | nom.  |

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PRICES CURRENT SECTION

## Crude Drugs

|                                     |     |       |         |  |   |      |        |                                       |       |         |         |
|-------------------------------------|-----|-------|---------|--|---|------|--------|---------------------------------------|-------|---------|---------|
| Arrowroot, Amer. Powd. bbls....     | D   | .10   | : .10%  | Cassia Batavia, No. 2, bales....                 | D | .11  | : .11% | Elecampane Root, bags.....            | D     | .08     | : .08%  |
| Bermuda, bbls.....                  | D   | ...   | : ...   | China, Select rolls cases.....                   | D | .09% | : .10  | Elder Flowers, bags.....              | D     | .10     | : .10%  |
| St. Vincent Powd. bbls.....         | D   | .13   | : .14   | Broken, bales.....                               | D | .04% | : .04% | Elemi Gum, 85 lb cases.....           | D     | .19     | : .20   |
| Asafoetida, USP, 250 lb cases D     |     | .25   | : .30   | Buds, cases.....                                 | D | .24  | : .24% | Kim bark, select 5 lb bundles cases D |       | .24     | : .24   |
| Powd., 50 lb bxs.....               | D   | .45   | : .50   | Cassia Fistula, baskets.....                     | D | .07  | : .09  | Grinding, bags.....                   | D     | .14%    | : .14   |
| BALM GILEAD BUDS, bags.....         | D   | .40   | : .42   | Castile Soap, USP, powd., 200 lb                 |   | .20  | : .22  | Powdered, bbls.....                   | D     | .23     | : .23   |
| Balmory Herbs, bales.....           | D   | ...   | : .12   | bars.....  | D | ...  | : .30  | ERGOT 150 lb 200 lb bags.....         | D     | .75     | : .80   |
| BALSAMS                             |     |       |         | Powd. USP., 200 lb bbls.....                     | D | ...  | : .30  | Eucalyptus Leaves, bales.....         | D     | .05%    | : .05   |
| Copaiba, Para 80 lb cs.....         | D   | .37   | : .39   | Castor Beans, bags.....                          | D | .03  | : .03% | Euphorbia Piliifera Herb., bags D     |       | .08%    | : .09   |
| South American 80 lb cs D           |     | ...   | : .42%  | Castoreum, See Aromatic Chemicals, Perfum., Sun- |   |      |        | Euphorbium Gum, cases.....            | D     | .23     | : .27   |
| Fir Canada, cases.....              | gal | 11.00 | : 13.00 | dries  |   |      |        | Powdered boxes.....                   | D     | .23     | : .26   |
| Oregon bbls cases.....              | gal | .95   | : 1.20  | Catsnip Herb, bales.....                         | D | .23  | : .26  | Fennel Seed, French, bags.....        | D     | .07%    | : .08%  |
| Peru, 120 lb cases.....             | D   | 1.80  | : 1.80  | Catechu Gum bags.....                            | D | .11  | : .12  | German bags.....                      | D     | .12%    | : .13   |
| Telu, 120 lb cases.....             | D   | 1.80  | : 1.40  | Celery Seed bales.....                           | D | .23% | : .24  | Indian, bags.....                     | D     | .08%    | : .09   |
| Bamboo Brier Root, bags.....        | D   | .06   | : .07   | Ceratin Wax, white bags.....                     | D | .13  | : .13  | Pennegreek Seed, 200 lb bags.....     | D     | .05     | : .05%  |
| Barberry Bark, tree bales.....      | D   | .13   | : .15   | Yellow, 200 lb bags.....                         | D | .10  | : .12  | Fish Berries, 100-125 lb bags.....    | D     | .07     | : .07%  |
| Root, bags.....                     | D   | .30   | : .32   | Imp 100 lb bags.....                             | D | ...  | : .34  | Flax Seed, whole, 180 lb bbls.....    | 18.00 | : 15.00 |         |
| Sayberry Bark, bales.....           | D   | .10   | : .12   | CHAMOMILE FLOWERS, Roman                         |   |      |        | Ground, 180 lb bbls.....              | D     | .08     | : .08%  |
| Wax, bbls.....                      | D   | .21   | : .22   | cases bales.....                                 | D | .20  | : .25  | Fringes Tree Bark, bags.....          | D     | ...     | : .23   |
| Belladonna Leaves, bales.....       | D   | .24   | : .25   | Hung., cases bales.....                          | D | .10  | : .25  | Fumigating Pastilles Black, 1 lb      |       |         |         |
| Root bags.....                      | D   | .15   | : .18   | Charcoal, Willow powd bbls.....                  | D | .06  | : .06% | boxes.....                            | D     | ...     |         |
| Bee Wax, white cases.....           | D   | .66%  | : .57%  | Wood, powd. bbls.....                            | D | .04  | : .04  | Red, 1 lb boxes.....                  | D     | .45     | : .50   |
| Yellow, refined, cases.....         | D   | .46   | : .47   | Castor Bark, bags.....                           | D | .07  | : .08  | GALANGAL ROOT, bags.....              | D     | .09%    | : .10   |
| Crude bags.....                     | D   | .42   | : .45   | Herb, bales.....                                 | D | .06  | : .06% | Galbanum Gum, cases.....              | D     | ...     | : 1.35  |
| Bennoin Gum, Siam, boxes.....       | D   | 1.80  | : 1.50  | Chicle Gum 100 lbs.....                          | D | .85  | : .90  | Gambier Gum, bbls.....                | D     | ...     | : .13   |
| Sumatra 80 lb boxes D               |     | .26   | : .28   | Chiretta, bales.....                             | D | .07  | : .10  | Gamboge Gum, 100 lb cases.....        | D     | ...     | : 1.00  |
| Berberis Aquifolium Root, bags D    |     | .12   | : .13   | Cinchona Bark, red quill bales.....              | D | .65  | : .75  | Powdered cases.....                   | D     | 1.10    | : 1.20  |
| Both Root, bags.....                | D   | .22   | : .25   | Broken cases red.....                            | D | .25  | : .29  | Gelsemium Root, bgs.....              | D     | .09     | : .10   |
| Sittler Root, 100 lb bags.....      | D   | .40   | : .48   | Yellow.....                                      | D | .24  | : .25  | Gentian Root, bags.....               | D     | .07%    | : .08   |
| Blackhaw Bark, root bales.....      | D   | .29   | : .32   | Cinnamon, Ceylon Nol, bales.....                 | D | .50  | : .51  | Ground, bbls., boxes.....             | D     | .12     | : .13   |
| Tree, bales.....                    | D   | .15   | : .16   | No. 2, bales.....                                | D | .48  | : .49  | Powdered, boxes.....                  | D     | .12     | : .13   |
| Black Indian Root, 100 lb bags..... | D   | .40   | : .42   | No. 3, bales.....                                | D | .47  | : .48  | Ginger African bags.....              | D     | .15%    | : .16   |
| Blood Root, bags.....               | D   | .12   | : .13%  | Civet, Abyssin horns.....                        | D | 2.85 | : 2.80 | Jamaica, grinding bags bbls.....      | D     | .17%    | : .18%  |
| Blueflag Root, bags.....            | D   | .25   | : .27   | Clover Tops bags.....                            | D | .16  | : .17  | Japan, bags.....                      | D     | .20     | : .21   |
| Bolide Leaves, bales.....           | D   | .19   | : .22   | Clove, Zanzibar 135 lb bales.....                | D | .20% | : .26% | Cochin, ABC & LEMON bgs.....          | D     | .18     | : .19   |
| Bonnet Herb, bales.....             | D   | .08   | : .08%  | Amboyas, bales.....                              | D | ...  | : nom  | Ginseng Root, cultivated, bags.....   | D     | 8.00    | : 10.00 |
| Leaves, bales.....                  | D   | .09   | : .11   | Penang, bales.....                               | D | .40  | : .42  | Northwestern Wild, bags.....          | D     | 12.00   | : 14.00 |
| Borage Flowers, bales.....          | D   | .17   | : .19   | Cochineal, Black.....                            | D | ...  | : .58  | Southern Wild, bags.....              | D     | 8.00    | : 10.00 |
| Bryonia Root, bags.....             | D   | .11   | : .12   | Silver.....                                      | D | .02  | : .03  | Golden Seal Root, bags.....           | D     | 4.60    | : 4.80  |
| SUCHO LEAVES, short, 250 lb         |     |       |         | Coca Leaves, Huamoo bags.....                    | D | ...  |        | Powdered boxes.....                   | D     | 4.90    | : 5.20  |
| bales.....                          | D   | .58   | : .60   | Truxillo, bags.....                              | D | ...  |        | Herb bbls.....                        | D     | ...     | : 1.25  |
| Less bales.....                     | D   | .60   | : .65   | Cohosh Root, Black bags.....                     | D | .07% | : .15  | Grains of Paradise, bags.....         | D     | .14     | : .15   |
| Long bales.....                     | D   | ...   | : ...   | Blue, bags.....                                  | D | .08% | : .10  | Grindella Robusta Herb, bales.....    | D     | .09     | : .09%  |
| Buckbean Leaves, bales.....         | D   | .11   | : .12   | Colchicum Root, bags.....                        | D | .06% | : .07  | Guaiac Gum, 80 lb cases powd. D       |       | .41     | : .44   |
| Buckthorn Bark, bags.....           | D   | .06%  | : .07   | Seed, bags.....                                  | D | .16  | : .17  | Guarana, tin cases.....               | D     | .65     | : .80   |
| Berries.....                        | D   | .60   | : .65   | Colocynth, Pulp USP bales.....                   | D | .28  | : .30  | GUM, see Aromatic Gum, etc.           |       |         |         |
| Burdock Root, bags.....             | D   | .09   | : .10   | Coltsfoot Leaves, bags.....                      | D | .18  | : .22  | HELLEBORE ROOT,                       |       |         |         |
| Seed bags.....                      | D   | ...   | : .50   | Comfrey Root, bags.....                          | D | .13  | : .14  | Black, bbls.....                      | D     | .06     | : .07   |
| Burgundy Pitch, com., 110 lb staves |     |       |         | Condurango Bark, bag.....                        | D | 12%  | : .13  | Powdered.....                         | D     | .13     | : .15   |
| Gross for net.....                  | D   | .08   | : .09   | Conium Herb, bags.....                           | D | .11  | : .12  | White, 250 lb bbls.....               | D     | .09     | : .10   |
| Imported.....                       | D   | .12   | : .13   | Seed, bags.....                                  | D | .10  | : .11  | Powdered.....                         | D     | .12     | : .15   |
| Calabar Beans bags.....             | D   | .65   | : .70   | Copaiba Balsam Para, see Balsams                 |   |      |        | Helonia Root, (unclean false)         |       |         |         |
| Calamus Root, bleached, cases.....  | D   | .38   | : .45   | Copal Gum.....                                   | D | .12  | : .13  | bags.....                             | D     | .62     | : .65   |
| Unbleached, bags.....               | D   | .08%  | : .07   | Jorlander Seed, Bombay, bags.....                | D | .06  | : .06% | Hemp Seed, bags.....                  | D     | .03%    | : .04%  |
| Calendula Petals imp bales.....     | D   | .80   | : .85   | Morocco, bags.....                               | D | .04% | : .05% | Herbane Leaves, bales USP,.....       | D     | .27     | : .28   |
| Calisaya Bark, bales powd.....      | D   | .35   | : .36   | Bleached bags.....                               | D | .08  | : .08% | No. ASSAY.....                        | D     | .26     | : .27   |
| Camphor, see Chemicals              |     |       |         | Corn Silk bales.....                             | D | .06  | : .07  | Henna Leaves, bales.....              | D     | .08%    | : .10   |
| Canary Seed, Morocco, bags.....     | D   | .07%  | : .08   | Cotton Root Bark, bales.....                     | D | .13  | : .14  | Powdered.....                         | D     | .11     | : .13   |
| Spanish bags.....                   | D   | .08%  | : .08%  | Cowhage, oz. tins.....                           | D | ...  | : 1.50 | Honey, Calif., 120 lb cases.....      | D     | .11     | : .12   |
| South American, bags.....           | D   | .06%  | : .07   | Cramp Bark, so-called bales.....                 | D | .06% | : .07  | Hope, NY prime bale.....              | D     | .36     | : .30   |
| Dutch bags.....                     | D   | .06%  | : .06%  | True, bags.....                                  | D | .80  | : .82  | Pacific Coast prime bales.....        | D     | .35     | : .37   |
| Candelilla Wax, bags.....           | D   | .36   | : .38   | Craneshill Root, bags.....                       | D | .09  | : .10  | Horehound Herb, bales.....            | D     | .08     | : .08%  |
| Canella, Alba Bark, bales.....      | D   | .42   | : .45   | CUBES BERRIES, XX bags.....                      | D | .60  | : .62  | Horse Nettle, Berries, bags.....      | D     | .35     | : .55   |
| Cannabis, true imp. bags.....       | D   | ...   | : ...   | Powdered, bxs.....                               | D | .63  | : .65  | Horetail Rubb, bags.....              | D     | ...     | : .15   |
| American (no assay) bales.....      | D   | .22   | : .25   | Culvers Root, bags.....                          | D | .18  | : .20  | Hydrangea Root, bales.....            | D     | .60     | : .10   |
| USP.....                            | D   | .35   | : .40   | Cumin Seed, bags.....                            | D | .11% | : .12  | India Gum, see Karaya                 |       |         |         |
| Cantharides, Chinese cases.....     | D   | .78   | : .80   | Malta bags.....                                  | D | .11% | : .12  | INSECT FLOWERS, open whole            |       |         |         |
| Powdered bags.....                  | D   | 1.00  | : 1.10  | Morocco bags.....                                | D | .10% | : .11  | Bales.....                            | D     | .17     | : .21   |
| Rumign, cases.....                  | D   | .60   | : .65   | Cattlefish Bone, Trieste, straps.....            | D | .12% | : .13  | Closed, whole bales.....              | D     | .24     | : .26   |
| Powdered boxes.....                 | D   | .75   | : .80   | Jewellers large, straps.....                     | D | ...  | : .20  | Powdered pure, 200 lb bbls.....       | D     | .25     | : .30   |
| Caraway Seed, African, bags.....    | D   | .07%  | : .08   | Small, straps.....                               | D | ...  | : .25  | Flowers and Stems, 50 p.c. D          |       | .19     | : .20   |
| Dutch, 11 lb bags.....              | D   | .06%  | : .07%  | French straps.....                               | D | .12% | : .13  | 200 lb bbls.....                      | D     | ...     |         |
| Cardamom, bleached cases.....       | D   | 2.50  | : 2.80  | Powdered, boxes.....                             | D | .08  | : .09  | Ipecac Root, Cartagena bags.....      | D     | 2.90    | : 3.30  |
| Decorticated cases.....             | D   | ...   | : 2.30  | Broken, boxes.....                               | D | ...  | : .07  | Powdered 200 lb bbls bxs D            |       | ...     | : 3.30  |
| Green, grinding bags.....           | D   | 1.55  | : 1.60  | Damar Gum, Batavia, 136 lb cs D                  |   | .29  | : .30  | Rio Whole, bags.....                  | D     | ...     | : nom.  |
| Carnauba Wax, Flor., bags.....      | D   | .50   | : nom.  | Singapore No 1, cs.....                          | D | .40  | : .41  | Powdered 200 lb bbls bxs D            |       | ...     |         |
| Powd.....                           | D   | .50   | : nom.  | Damiana Leaves, bales.....                       | D | ...  | : nom. | Isinglass American, 130 lb cs.....    | D     | .75     | : .80   |
| No. 1, Yellow bags.....             | D   | .47   | : .48   | Dandelion Root, imp. bags.....                   | D | .18  | : .20  | Russian (Beluga) bxs. cins D          |       | 4.00    | : 4.50  |
| No. 2, regular bags.....            | D   | ...   | : nom.  | Deer Tongue Leaves bales.....                    | D | .12  | : .13  | JABORANDI LEAVES, bales.....          | D     | .09     | : .10   |
| No. 3, N Country bags.....          | D   | ...   | : .37   | Digitalis Leaves, bales.....                     | D | .25  | : .30  | Miso Root, whole 150 lb bags.....     | D     | .25     | : .30   |
| No. 8, chalky bags.....             | D   | ...   | : .39   | Dill Seed, bags.....                             | D | .08% | : .09  | Powdered, USP, 250 lb bbls.....       | D     | .32     | : .38   |
| Cascara, Amara 150 lb bales.....    | D   | 1.25  | : 1.50  | Cleaned bags.....                                | D | .15  | : nom  | Japan Wax, 224 lb cs.....             | D     | .17     | : .18   |
| So-called bales.....                | D   | .60   | : .62   | Dogwood Bark, Jamaica bags.....                  | D | .10  | : .11  | Job's Tears, White, bags.....         | D     | .12     | : .13   |
| Cascara Sagrada, bales.....         | D   | ...   | : ...   | American, bags.....                              | D | .07  | : .08  | Juniper Berries, 125 lb bags.....     | D     | .05     | : .05%  |
| 1923 bark.....                      | D   | .18   | : .20   | Dogras Root, USP, cut bags.....                  | D | .11  | : .11% | Sifted bags.....                      | D     | ...     | : .06   |
| 1924 bark.....                      | D   | .15   | : .16   | Dragons Blood, mass cases.....                   | D | .70  | : .75  | KAMALA USP, boxes.....                | D     | .92     | : .95   |
| 1925 bark.....                      | D   | .13%  | : .14   | Reeds, boxes.....                                | D | .95  | : 1.00 | Karaya Gum, powdered, bbls.....       | D     | .10     | : .25   |
| Cassia Bark, quilla, bales.....     | D   | ...   | : 1.25  | ECHINACEA, Root, bags.....                       | D | .20  | : .30  |                                       |       |         |         |
| Cassia, bbls.....                   | D   | ...   | : ...   |  |   |      |        |                                       |       |         |         |
| Cassia Batavia No 1 bales.....      | D   | .11%  | : .12   |  |   |      |        |                                       |       |         |         |
| Shortstick, bales.....              | D   | .10%  | : .11   |  |   |      |        |                                       |       |         |         |

# Crude Drugs

|                                   |      |      |                                 |       |       |                                     |       |       |
|-----------------------------------|------|------|---------------------------------|-------|-------|-------------------------------------|-------|-------|
| Kauri Gum No. 1                   | .88  | .70  | Marjoram Leaves, French, bales  | .50   | .52   | Optum, Powdered, USP, cases         | 13.00 | 14.00 |
| Kava Kava Root bags               | .16  | .17  | Chilian, bales                  | .35   | .37   | Orange Flowers, cases               | .25   | 1.35  |
| Kino Gum, black cases             | .85  | .80  | Mastic Gum, 120 lb cases        | .52   | .60   | Peel, bitter, bags                  | .07   | .08   |
| Kola Nut, 150 lb bags             | .04% | .05  | Matico Leaves, bales            | .45   | .48   | Sweet bags                          | .11   | .11%  |
| Koumo Flowers, bags               | .50  | 1.25 | Neroneon Bark, bags             | .11   | .13   | SHRIS ROOT, Florentine bold bags    | .09   | .10   |
| LADY SLIPPER ROOT, bags           | .45  | .50  | Millet Seed, dom., yellow bags  | .08%  | .04   | Powdered 200 lb bbls                | .12   | .13   |
| Larkspur Seed, bags               | 2.25 | 2.50 | Montan Wax, crude bags          | .06   | .07   | Verona, bags                        | .09   | .10   |
| Laurel Berries, bags              | .08% | .09  | Bleached bags                   | .25   | .30   | Powdered 200 lb bbls                | .12   | .13   |
| Leaves, Greek bags                | .05  | .05% | Moss, Iceland, bales            | .08   | .08%  | Fingers, cases                      | .60   | .65   |
| Italian bales                     | .04% | .05  | Irish, bleached, bales          | .12%  | .15   | Ockerite Wax, brown hard bags       | .24   | .25   |
| American, bales                   | .25  | .35  | Ordinary, bales                 | .08%  | .10   | Green, hard bags                    | .30   | .31   |
| Lavender Flowers, ordinary        | .28  | .30  | Mullein Flowers, tins           | .85   | .90   | Rafined, yellow, bags               | .37   | .37   |
| Selected                          | .40  | .45  | Musk, pods, carbazine, tins     | 16.00 | 17.00 | PAPRIKA, bags                       | .21   | .25%  |
| Leeches tubs                      | 3.30 | 3.75 | Tonquin tins                    | 22.00 | 25.00 | rareira Brava Root, bags            | .11   | .12   |
| Lemon Peel, bags                  | .07% | .08  | Grain Cab tins                  | 25.00 | 26.00 | Parsley Seed, bags                  | .15   | .17   |
| Licorice Root, Russian whole bbls | .12  | .13  | Tonquin tins                    | 35.00 | 38.00 | Patchouli, Leaves bales             | .19   | .20   |
| Spanish, natural bales            | .05% | .07  | Synthetic, see Chemicals        |       |       | Peltitory Root, bales               | .15   | .16   |
| Powdered, bbls                    | .08% | .10% | Musk Root, Russian bags         | .80   | .90   | Penayroyal                          | .08   | .09   |
| Selected, 2 & 5 lb bundles        | .13  | .16  | Mustard Seed Bari brown bags    | .12   | nom.  | Pepper black, Sling. bags           | .41   | .42   |
| Cuttings 125 lb bags              | .06  | .07  | Bombay, brown bags              | .07%  | .08   | White bags                          | .35%  | .36   |
| Turkish, 150 lb bales             | .05  | .06  | California, brown bags          | .10%  | .11   | Aleppy, bags                        | .35   | .36   |
| Ume Juice, clarified bbls         | .60  | .65  | Yellow bags                     | .11%  | .12%  | Lempong bags                        | .37   | .38   |
| Linden Flowers with leaves, bales | .12% | .15  | Chinese, yellow bags            | .05%  | .06%  | Tellecherry, bags                   | .41%  | .42   |
| Without Leaves, bales             | .21  | .25  | English, Yellow bags            | .12%  | .13%  | Munloek, bags                       | .17%  | .18   |
| Lobelia Herb, bales               | .37  | .40  | Dutch, yellow bags              | .12   | .12%  | Red Chillies Japan No 1 bgs.        | .10%  | .10%  |
| Seed, bags                        | .60  | .70  | Danish, yellow bags             | .08%  | .09   | Mombasa, bags                       | .10%  | .10%  |
| Lovage Root, Imported bags        | .18  | .25  | Myrrh Gum, select, 200 lb cs    | .24   | .25   | Capsicum, Bombay, bags              | .18   | .20   |
| Lupulin, N. F. tins               | 1.75 | 1.80 | Sorts, cases                    | .20   | .24   | Peppermint leaves, imp, bales       | .24   | .40   |
| Rands. No. 1 cases                | 1.00 | 1.05 | MUTGALLS, Chinese, bags         | .17   | .18   | Domestic                            | .18   | .20   |
| Lycopodium, 88 lb cs              | .95  | 1.00 | Aleppy, bags                    | .20   | .22   | Herb bbls                           | .18   | .20   |
| MACE, Slaw, No 1                  | 1.00 | 1.02 | Powd. bags                      | .21   | .22   | Peru Balsam, see Balsams            |       |       |
| Banda, No. 1, cases               | 1.08 | 1.10 | Nutmegs, 110s cases             | .53   | .53%  | Pink Leaves, bags                   | .16   | .18   |
| Batavia, No. 2, cases             | .88  | .90  | 75s, 80s, cases                 | .55   | .55   | Pimento Select, bags                | .17   | .18   |
| West India, cases                 | .93  | .94  | Grinding, bags                  | .52   | .53   | Pink root, true bags                | .60   | .65   |
| Malva Flowers, blue bales         | .40  | .45  | Nux-Vomica Buttons, bags        | .05   | .06   | Pitch, Burgundy, see Burgundy Pitch |       |       |
| Black, bales                      | .60  | nom. | Powdered, 200 lb bbls           | .07%  | .10   | Plantain Leaves, bales              | .19   | .20   |
| Manaca Root, bales                | .16  | .20  | OAK BARK, red bags              | .04%  | .05%  | Pleurisy Root, bags                 | .16   | .17   |
| Manna, large flake cases          | .60  | .62  | White, bags                     | .06   | .07   | Root, .....                         | .09   | .10   |
| Small flake cases                 | .45  | .48  | Olibanum Gum, Sift 280 lb cases | .11   | .12   | Pomegranate Bark, of root bags      | .35   | .35   |
| Sorts, cases                      | .30  | .30  | Tears, 280 lb cases             |       |       | Of Fruit, bags                      | .23   | .25   |
| Mandrake Root, bags               | .12  | .14  | No. 1 all white 280 lb          | .22   | .23   | Of Tree                             | .60   | .65   |
| Marjoram Leaves, German bales     | .48  | nom. | cases                           | .12   | .14   | Panna Flowers, red bags             | .45   | .45   |
| African, bales                    |      |      | No. 2 280 lb cases              | 12.00 | 13.00 | Head                                |       |       |
|                                   |      |      | Optum, gum, USP, cases          | 13.00 | 14.00 |                                     |       |       |
|                                   |      |      | Granular, cases                 |       |       |                                     |       |       |

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## Crude Drugs

|  |       |       |  |      |      |                                     |      |      |
|--|-------|-------|--|------|------|-------------------------------------|------|------|
| Poppy Seed, Dutch bags .....             | .12   | .13½  | Savory Leaves, bales .....             | .09½ | .10  | Spruce Gum, boxes .....             | 1.00 | 1.50 |
| German bags .....                        | .09½  | .10   | Saw Palmetto Berries, bags .....       | .24  | .25  | Squaw Vine, bales .....             | .16½ | .19  |
| Turkish, bags .....                      | .08½  | .09½  | Scammony Resin, boxes .....            | 1.35 | 1.50 | Squills, white .....                | .05  | .05½ |
| Blue Indian, bags .....                  | .08   | .09   | Root bags .....                        | .07½ | .08½ | Powdered bulk .....                 | .12  | .15  |
| White Indian bags .....                  | .07½  | .08   | Senega Root, bags .....                | .70  | .75  | Stavesacre Seed, bags .....         | .28  | .30  |
| Prickly Ash Bark, Southern, bags .....   | .13   | .14   | SENNA, Alex 150 lb cases .....         | .22  | .23  | Sticklac, 250 lb bales .....        | .30  | .35  |
| Northern bags .....                      | .16   | .18   | Half Leaf, 150 lb cases .....          | .13  | .15  | Stillingia Root, bags .....         | .10  | .11  |
| Berries bags .....                       | .50   | .65   | Siftings, 400 lb bales .....           | .09  | .11  | Stone Root, bags .....              | .09  | .10  |
| Prince's Pine, bales .....               | .16   | .17   | Powdered, 200 lb bbls .....            | .13  | .14  | St. Ignatius Beans, bags .....      | .18  | .14  |
| Pulsatilla Herb, bags .....              | .11   | .12   | Tinnerelly, Bold, 350 lb bbls .....    | .12½ | .14  | St. John's Bread bags .....         | .06  | .07  |
| Pumpkin Seed, bags .....                 | .17   | .19   | Medium Leaf bbls .....                 | .10  | .11  | Stramonium Leaves, bales .....      | .12  | .15  |
| QUASSIA CHIPS, bags .....                | .06½  | .07½  | Small Leaf .....                       | .08  | .11  | Seed bags .....                     | .08  | .09  |
| Quebracho, bk., 125 lb bbls .....        | ...   | .55   | Powdered, 200 lb bbls .....            | .10  | .12  | Strophanthus Seed, Hispidus .....   | ...  | nom  |
| Queen of the Meadow Herb .....           | ...   | .07½  | Pods, 350 lb bales .....               | .13  | .17  | Kombe bags .....                    | ...  | nom  |
| Root, bgs. ....                          | ...   | .08½  | Serpentaria Root, bags .....           | .60  | .85  | Styrax, liquid artif. ....          | .35  | .40  |
| Quince Seed, bags .....                  | .80   | .85   | Shellac, D. C. bags .....              | .73  | .75  | Gen. USP. ....                      | .45  | .60  |
| Cape hg. ....                            | .90   | .95   | V.S.O. bags .....                      | .73  | .75  | Sunflower Seed, domestic bags ..... | .05½ | .06  |
| RAPE SEED, South Amer. bags .....        | .06½  | .07   | Diamond I. bags .....                  | .73  | .75  | South American, bags .....          | .05  | .05½ |
| Dutch, bags .....                        | .06½  | .06½  | Superfine, Orange bags .....           | .53  | .55  | TAGALDER BARK, bags .....           | .05  | .06  |
| Japanese, small, bags .....              | .07½  | .08   | Fine, bgs. ....                        | .51  | .52  | Tamarinde, bbls .....               | .05½ | .06  |
| Raspberries, dried bbls .....            | .56   | .65   | T.N. bags .....                        | .50  | .52  | Kegs .....                          | 3.75 | 3.80 |
| Red Saunders, bags .....                 | .08½  | .09   | Garnet, A C .....                      | .48  | .50  | Tansy Herb, bales .....             | .18  | .19  |
| Rhatany Root bags .....                  | .10   | .12   | sutton bags .....                      | .76  | .78  | Tar, Barbadoes, 50 gal bbls .....   | 1.40 | 1.45 |
| RHUBARB, Root H. D. cases .....          | .35   | .38   | Bone Dry, bbls .....                   | .56  | .58  | Thus Gum, 280 lb bbls .....         | .10½ | nom. |
| Powd. bbls. ....                         | .42   | .45   | Sideritis Herb, cut bags .....         | .15  | .18  | Tilia, see Linden                   | ...  | ...  |
| Rosemary Leaves, bales .....             | .05½  | .06   | Simaruba Bark, bales .....             | .08  | .09  | Thyme, Spanish bales .....          | .08½ | .09  |
| Flowers, cases bales .....               | .35   | .40   | Skullcap Leaves, Eastern bales .....   | .42  | .43  | French, bales .....                 | .09  | .09½ |
| Rose Petals, pale .....                  | .37   | .50   | Western bales .....                    | .24  | .26  | Tolu Balsam, see Balsams            | ...  | ...  |
| Red .....                                | 1.75  | 2.25  | Skunk Cabbage Root, bales .....        | .18  | .16  | Tonga Bark, bags .....              | ...  | nom  |
| Rue Herb, bales .....                    | .18   | .20   | Snake Root, Canada, natural bags ..... | .29  | .32  | Root bbls .....                     | ...  | nom  |
| SABADILLA SEED, bags .....               | .25   | .30   | Stripped bags .....                    | .65  | .70  | Vine bbls .....                     | 1.25 | 1.30 |
| Powdered bbls .....                      | .30   | .35   | SOAP BARK, whole, 150-200 lb .....     | .10  | .12  | Tomka Beans, Angostura, cases ..... | 2.00 | 2.10 |
| Saffron Flowers, Amer Bales .....        | .45   | .60   | bales .....                            | .09½ | .09½ | Para, cases .....                   | .85  | .90  |
| Valencia, 1 lb cans .....                | 32.00 | 34.00 | Cut, 125-175 lb bags .....             | ...  | .11  | Surinam, cases .....                | .85  | .90  |
| Sage, Dalmatian bales .....              | .05   | .05½  | Crumbed 200 lb bbls .....              | ...  | .13  | Tragacanth Gum, No. 1 ribbon .....  | 1.65 | 1.70 |
| Greek, bales .....                       | .02½  | .03½  | Powdered, bgs bbls .....               | ...  | .17  | 100 lb cs .....                     | 1.35 | 1.55 |
| Spanish, bales .....                     | .08   | .09½  | Spearment Leaves, American bales ..... | .25  | .27  | No. 2 .....                         | .90  | 1.00 |
| Sandalwood, chips, bags .....            | .16   | .19   | Herb, bales, .....                     | .38  | .42  | Powdered, 50 lb boxes .....         | .45  | .90  |
| Ground, bags .....                       | .21   | .33   | Spermaceti, blocks, cakes cases .....  | .15  | .17  | Turkish, cases .....                | ...  | ...  |
| Sandara Gum, 300 lb bbls .....           | .40   | .42   | Spikenard Root, bags .....             | ...  | ...  | ...                                 | ...  | ...  |
| Sarsaparilla Root, Honduras, bales ..... | .68   | .70   | ...                                    | ...  | ...  | ...                                 | ...  | ...  |
| Mexican .....                            | ...   | nom.  | ...                                    | ...  | ...  | ...                                 | ...  | ...  |
| Sassafras Bark, ordinary bales .....     | .15   | .17   | ...                                    | ...  | ...  | ...                                 | ...  | ...  |
| Select, bales .....                      | .28   | .29   | ...                                    | ...  | ...  | ...                                 | ...  | ...  |

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# Essential Oils

|                                     |      |      |
|-------------------------------------|------|------|
| Turmeric Root, Madras bags ....     | .08% | .09% |
| Aleppy bags .....                   | .08% | .09% |
| Powdered .....                      | .13  | .14  |
| China, bags .....                   | .09  | .09% |
| Turpentine, Venice true 80 lb cs .. | .30  | .35  |
| Artificial, 80 lb cases .....       | .16  | .17  |
| Spirits, see Naval Stores           |      |      |
| UNICORN ROOT, false, see Helonias   |      |      |
| True, see Aletris                   |      |      |
| Uva Ursi Leaves, bales .....        | .05  | .05% |
| VALERIAN ROOT, Belgian bags ..      | .33  | .35  |
| Vanilla Beans Mex., whole cases ..  | 7.00 | 9.00 |
| Cuts, cases .....                   | 5.00 | 6.50 |
| Bourbon, case s. ....               | 2.75 | 3.50 |
| South American, cases .....         | 4.50 | 6.00 |
| Tahiti, yellow label cases .....    | 2.75 | 2.90 |
| Green Label, cases .....            |      |      |
| Vetiver Root, 100 lb bags .....     | .25  | .28  |
| Violet Flowers, bags .....          | .70  | .72  |
| Wahoo BARK, of root bags .....      | .70  | .72  |
| Of Tree, bags .....                 | .80  | .82  |
| White Pine Bark, roseod, bags ..    | .07  | .07% |
| White Poplar Bark, bags .....       | .06  | .07  |
| Wild Cherry Bark, thin green        |      |      |
| Rosod, bales .....                  | .12  | .13  |
| Thick Rosod, bales .....            | .08% | .07  |
| Thin Natural, bales .....           | .08  | .09  |
| Thick Natural, bales .....          | .10  | .11  |
| Willow bark, bags .....             |      | .06  |
| White, bags .....                   |      | .15  |
| Witch Hazel Bark, bgs. ....         | .07% | .09  |
| Leaves, bales .....                 | .08% | .08  |
| Worm Seed, American, bags .....     | .08  | .08% |
| Levant, bags .....                  | 3.25 | 3.50 |
| Yarrowwood Herb, imported bales ..  |      | .10  |
| Yacca Gum, red .....                | .04  | .04% |
| Ground .....                        | .05% | .06% |
| Ylow Root (Zanthoxis) bgs. ....     | .16  | .17  |
| YELLOW DOCK ROOT, bags .....        | .10  | .12  |
| Ylow Parilla Root, bags .....       | .16  | .17  |
| Yerba Mate bags .....               | .22  | .30  |
| Yerba santa, bags .....             | .09% | .10  |
| Zedoary Root, bags .....            | .06  | .08  |

## Essential Oils

|                                     |       |       |
|-------------------------------------|-------|-------|
| Almond, Bitter, USP, 5 lb bot. .... | 3.00  | 3.25  |
| Bitter ff PA 5 lb bot. ....         | 3.15  | 3.35  |
| Sweet, 50 lb. cans .....            | .95   | 1.00  |
| Apricot, Kernel, 50 lb cans .....   | .55   | .60   |
| Amber, crude, 25 lb tins .....      | .50   | .55   |
| Rectified, 25 lb tins .....         | .75   | .82   |
| Angelica Root, 1 lb bot .....       | 25.00 | 30.00 |
| Anise Tech., 60 lb case .....       | .65   | .68   |
| USP, 60 lb cans .....               | .68   | .72   |
| Bay, 25 lb tins .....               | 2.15  | 2.25  |
| Terpeneless .....                   | 6.00  | 6.50  |
| Bergamot, 25 lb coppers .....       | 5.40  | 5.75  |
| Terpeneless .....                   | 10.00 | 14.00 |
| Artificial, 25 lb cans .....        | 2.00  | 2.20  |
| Birch Tar, rect. 5 lb bot. ....     | .50   | .60   |
| Crude, 50 lb tins .....             | .20   | .25   |
| Bois de Rose, tins .....            | 3.25  | 3.50  |
| Cade, 25 lb cans .....              | .26   | .27   |
| Cajuput, native 50 lb tins .....    | .70   | .75   |
| Calamus, 5 lb bot .....             | 3.75  | 4.00  |
| Camphor, Sassy 1000 lb drs. ....    |       | .14%  |
| White, 1000 lb drs. ....            | .11%  | .12   |
| Cams. 50 lbs. ....                  | .14   | .14%  |
| Cananga, native, 25 tins .....      | 2.60  | 2.75  |
| Rectified, 25 lb tins .....         | 3.25  | 3.40  |
| Caraway, USP, .....                 | 1.60  | 1.70  |
| Cardamom, USP, 1 lb bot .....       | 40.00 | 45.00 |
| Carvol, 5 lb bot .....              | 8.75  | 9.75  |
| Cascarilla, USP, 1 lb bot .....     | 50.00 | 52.00 |
| CASSIA, 80-85% 400 lb drs. ....     | 2.60  | 2.75  |
| Redistilled USP, 50 lb cans ..      | 3.25  | 3.35  |
| Cedar Leaf, 50 lb tins .....        | .80   | .90   |
| Cedar Wood, light 1,000 lb drs ..   | .52   | .55   |
| Celery, 1 lb bot .....              | 9.50  | 10.00 |
| Chaulmoogra, 80 lb case .....       | .85   | .90   |
| Cinnamon, Ceylon, 1 lb bot. ....    | 10.50 | 11.00 |
| Leaf, 5 lb bot .....                | 1.40  | 1.50  |

|                                      |        |        |
|--------------------------------------|--------|--------|
| CITRONELLA, Ceylon                   |        |        |
| 1,000 lb drums .....                 | .48    | .49    |
| 50 lb tins .....                     | .49    | .50    |
| Java, 400 lb drums .....             | .87    | .90    |
| 50 lb tins .....                     | .90    | 1.00   |
| Cloves, USP, 50 lb cans .....        | 1.85   | 1.90   |
| 6 lb bot .....                       | 1.00   | 1.95   |
| Copaiba .....                        | .40    | .46    |
| Coriander, USP, 1 lb bot .....       | 8.50   | 9.00   |
| Croton, USP, 25 lb tins .....        | .90    | 1.00   |
| Cubeba, USP, 5 lb bot .....          | 4.25   | 4.50   |
| Cumin, 1 lb bot .....                | 10.50  | 11.00  |
| Dill, 25 lb cans .....               | 3.75   | 4.00   |
| Erigeron 20 lb tins .....            | 6.50   | 7.00   |
| EUCALYPTUS, Austl. USP,              |        |        |
| 50 lb cs .....                       | .55    | .56    |
| 500 lb drums .....                   | .54    | .55    |
| Fennel, USP, 25 lb tins .....        | .80    | .85    |
| Geranium, African 25 lb cans ..      | 4.50   | 5.00   |
| Bourbon, 25 lb tins .....            | 3.75   | 4.00   |
| Turkish, 25 lb tins .....            | 3.25   | 3.50   |
| Ginger, 1 lb bot .....               | 9.75   | 10.00  |
| Gingergrass, 25 lb tins .....        | 2.50   | 2.75   |
| Hemlock, 25 lb tins .....            | .85    | .87    |
| Juniper Berries, USP, 25 lb tins ..  | 2.25   | 2.45   |
| Wood, 50 lb tins .....               | .50    | .60    |
| Lavender USP, 25 lb tins .....       | 5.00   | 5.50   |
| Spike, Spanish, 50 lb cans .....     | 1.10   | 1.50   |
| LEMONGRASS, Ital USP, 25 lb cans ..  | 2.05   | 2.30   |
| Terpeneless .....                    | 8.00   | 10.00  |
| American, USP, 25 cans .....         | 1.90   | 2.00   |
| Lemongrass, native 50 lb cans ..     | 1.10   | 1.20   |
| Limes, expressed 25 lb tins .....    | 5.75   | 6.00   |
| Distilled, 25 lb tins .....          | 2.35   | 2.60   |
| Linaloe Mex., 80 lb cases .....      | 3.25   | 3.50   |
| Mace, distilled, 50 lb tins .....    | 1.80   | 1.85   |
| Mirbane, ref., Aromatic Chemicals    |        |        |
| Mustard, USP, 1 lb bot .....         | 14.00  | 14.25  |
| Artif. USP, 5 lb bot .....           | 2.10   | 2.25   |
| Neroli, Bigarde 1/2 & 1 lb bot. .... | 75.00  | 100.00 |
| Petale, 1 lb bot .....               | 100.00 | 125.00 |
| Artificial, 1 lb bot .....           | 10.00  | 20.00  |

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## Essential Oils

|                                       |         |           |   |       |         |                                      |       |         |
|---------------------------------------|---------|-----------|---|-------|---------|--------------------------------------|-------|---------|
| Nutmeg, USP, 25 lb tins .... D        | 1.80    | : 1.85    | Vetivert, Bourbon, 1 lb bot .... D      | 17.00 | : 18.00 | Linalool, 5 lb bot ..... D           | 6.00  | : 6.25  |
| Orange, bitter, 25 lb tins .... D     | 2.65    | : 2.75    | Indian, 1 lb bot ..... D                | 30.00 | : 40.00 | From Bois de Rose, 5 lb bot... D     | 7.00  | : 7.25  |
| Sweet W Ind, 25 lb tins .... D        | 2.65    | : 2.85    | Java, 1 lb bot ..... D                  | 20.00 | : 22.00 | MENTHOL, 60 lb cases ..... D         | 7.50  | : 8.00  |
| Italian, 25 lb cop ..... D            | 2.95    | : 3.25    | Wine, heavy, 1 lb bot ..... D           | ...   | : 1.50  | less cases, 5 lb cans D              | 7.75  | : 8.25  |
| American, 25 lb tins ..... D          | 2.80    | : 2.90    | <b>WINTERGREEN</b>                      |       |         | Rhodinol, 1 lb bot ..... D           | 16.00 | : 20.00 |
| Distilled, 25 lb tins .... D          | 1.70    | : 1.75    | Sweet beh., 25 lb tins ..... D          | 3.00  | : 4.50  | Extra, 1 lb bot ..... D              | 35.00 | : 42.00 |
| Spanish 25 lb tins ..... D            | ...     | : 2.95    | Southern, 25 lb tins ..... D            | 1.85  | : 2.00  | SAFROL, drums ..... D                | ...   | : .31   |
| Origazum, 50 lb cans tech. .... D     | .35     | : .28     | Gaultheria, true 25 lb tins ... D       | 7.00  | : 8.00  | 60 lb cans ..... D                   | ...   | : .33   |
| Parley, 1 lb bot ..... D              | 3.50    | : 3.60    | Southern, 25 lb tins ..... D            | 3.75  | : 4.00  | Thymol, USP, 25 lb tins ..... D      | 4.25  | : 4.50  |
| Patchouli, 5 lb bot ..... D           | ...     | : 5.25    | <b>Synthetic, see Methyl Salicylate</b> |       |         | <b>SYNTHETIC AROMATICS</b>           |       |         |
| Pennyroyal, dom., 25 lb tins ... D    | 2.50    | : 2.75    | Wormseed, Balt. USP, 25 lb tins D       | 6.00  | : 6.25  | Acetophenone, CP 1 lb bot .... D     | 3.50  | : 3.75  |
| Imported, 25 lb tins ..... D          | 2.40    | : 2.50    | Wormwood, dom., 25 lb tins ... D        | 7.00  | : 7.25  | Aldehyde, C-8 (Octyl) 1 lb bot... D  | 45.00 | : 60.00 |
| PEPPERMINT nat 60 lb case ... D       | 27.00   | : 28.00   | Ylang Ylang, Bourbon, 10 lb tins        | 8.00  | : 9.00  | C-9 (Nonyl), 1 lb bot ..... D        | 70.00 | : 75.00 |
| Rodis., USP, 60 lb cases D            | 28.00   | : 29.00   | No 1 ..... D                            | 6.00  | : 7.00  | C-10 (Decyl), 1 lb bot ..... D       | 50.00 | : 58.00 |
| Petit Grain, S.A. 25 lb tins .... D   | 2.25    | : 2.30    | No. 2 ..... D                           | 6.00  | : 7.00  | C-12 (Dodecyl), 1 lb bot D           | 27.50 | : 32.50 |
| French, 1 lb bot ..... D              | 6.50    | : 7.00    | Manila, 1 lb bot ..... D                | 35.00 | : 40.00 | C-14, 1 lb bot ..... D               | 22.50 | : 25.00 |
| Italian, 25 lb tins ..... D           | 2.20    | : 2.30    | <b>OLEORESINS</b>                       |       |         | C-16, 1 lb bot ..... D               | 70.00 | : 80.00 |
| Pimento, 25 lb tins ..... D           | 5.50    | : 5.75    | Aspidium, USP, 1 lb bot ..... D         | 3.00  | : 2.25  | <b>Aubepine, see Anisic Aldehyde</b> |       |         |
| Pinus Sylvestris 35 lb tins .... D    | 1.40    | : 1.75    | Capicum, USP, 1 lb bot ..... D          | 2.00  | : 2.25  | Amyl Acetate, pure 5 gal cans gal    | 4.75  | : 5.50  |
| Pumilio, USP, 25 lb tins ..... D      | 2.25    | : 2.60    | Cubeb, USP, 1 lb bot ..... D            | 4.00  | : 4.50  | Butyrate, 1 lb bot ..... D           | 1.90  | : 2.00  |
| Rose, Fr., 8, 16, & 32 oz pkgs. os    | 9.00    | : 9.50    | Ginger, 5 lb bot ..... D                | 3.50  | : 3.75  | Cinnamate, 1 lb bot ..... D          | 4.00  | : 4.50  |
| Bulg. 8, 16, & 23 oz pkgs. os         | 10.00   | : 11.00   | <b>Viniferum. See Aspidium</b>          |       |         | Formate, 1 lb bot ..... D            | 1.75  | : 2.00  |
| Artificial, 1 lb bot ..... os         | 2.00    | : 2.75    | Orris, 1 lb bot ..... D                 | 15.00 | : 18.00 | Phenyl Acetate, 1 lb bot ... D       | 4.50  | : 5.00  |
| Rosemary, USP, 27 1/2 lb tins ... D   | .47 1/2 | : .52 1/2 | Pepper, black USP, 1 lb bot ... D       | 3.50  | : 3.75  | <b>SALICYLATE, dom. 100 lb</b>       |       |         |
| 1000 drums ..... D                    | .45     | : .47     | Vanilla, 1 lb bot ..... D               | 12.50 | : 16.50 | chys ..... D                         | 1.45  | : 1.50  |
| Tech. 27 1/2 lb tins ..... D          | .37 1/2 | : .38     | <b>Aromatic Chemicals</b>               |       |         | Imported ..... D                     | 2.25  | : 2.50  |
| Rue, 1 lb bot ..... D                 | ...     | : 4.00    | <b>NATURAL DERIVATIVES</b>              |       |         | Valerate, 5 lb bot ..... D           | 2.75  | : 3.00  |
| Sandalwood E Ind USP, 75 lb           | 7.10    | : 7.25    | Anethol, 5 lb bot ..... D               | 1.00  | : 1.25  | Anisic, Aldehyde 1 lb bot ..... D    | 3.25  | : 3.50  |
| Cases ..... D                         | 1.85    | : 2.00    | Borneol, 1 lb bot ..... D               | 2.50  | : 3.00  | BENZALDEHYDE, USP, 40 lb chys D      | 1.15  | : 1.25  |
| W, Indian (Amayris) 25 lb tins D      | ...     | : 2.00    | CITRAL, 25 lb cans ..... D              | 2.75  | : 3.00  | FFC, 40 lb chys ..... D              | 1.30  | : 1.40  |
| Sassafras, USP, 50 lb cans ..... D    | .80     | : .90     | Citronellal 1 lb bot ..... D            | 2.50  | : 3.00  | Imported, USP, ..... D               | 1.10  | : 1.25  |
| Artificial, 1000 lb drs. 60 lb cans D | .27     | : .29     | EUCALYPTOL, USP, 50 lb cans ... D       | .90   | : .95   | Benzoic Ether, See Ethyl Benzoate    | ...   | ...     |
| Savin, 50 lb tins ..... D             | 3.00    | : 2.15    | Eugenol, USP, 25 lb cans ..... D        | 2.75  | : 3.00  | Benzophenone 1 lb bot ..... D        | 4.50  | : 5.00  |
| Spearmint, USP 50 lb tins ..... D     | 13.00   | : 14.00   | Geraniol, Domestic, 50 lb cans ... D    | 2.50  | : 3.00  | Benzyl Acetate, 100 lb chys ... D    | 1.30  | : 1.40  |
| Spruce, 50 lb tins ..... D            | .85     | : .87     | Imported, 5 lb bot ..... D              | 2.75  | : 3.25  | Alcohol, 5 lb bot ..... D            | 1.40  | : 1.50  |
| Tansey, Amer., 20 lb tins ..... D     | 6.50    | : 7.00    | iso-Eugenol, 1 lb bot ..... D           | 3.75  | : 3.90  | BENZOATE 5 lb bot ..... D            | 1.25  | : 1.35  |
| Tar, 50 gal bbls ..... gal            | .25     | : .30     | Imported ..... D                        | 3.75  | : 3.90  | Medicinal FFC ..... D                | 1.45  | : 1.60  |
| USP, 25 lb tins ..... D               | .80     | : .85     | <b>Oils</b>                             |       |         | Butyrate, C.P., 1 lb bot ... D       | 6.00  | : 6.50  |
| Thyme, red, USP, 25 lb tins ... D     | .95     | : 1.00    | Essential Oils                          | ...   | ...     | Cinnamate 1 lb bot ..... D           | 9.75  | : 10.00 |
| White, USP, 25 lb tins ..... D        | .95     | : 1.00    | ...                                     | ...   | ...     | Formate, 1 lb bot ..... D            | 3.00  | : 3.25  |
| Tech. 110 lb drums ..... D            | .65     | : .79     | ...                                     | ...   | ...     | ...                                  | ...   | ...     |

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## Aromatic Chemicals

|                                      |       |         |                                       |       |         |                                      |       |         |
|--------------------------------------|-------|---------|---------------------------------------|-------|---------|--------------------------------------|-------|---------|
| Benzyl Propionate, 1 lb bot .. D     | 5.00  | : 5.25  | iso-Safrol, 1 lb bot. imp .....       | 3.75  | : 4.00  | Terpinyl Acetate 25 lb cans ....     | 1.25  | : 1.35  |
| Bornyl Acetate, 1 lb bot .....       | 3.25  | : 3.50  | Domestic, 5 lb bot .....              | 3.50  | : 3.75  | Imported, 25 lb cans .....           | 1.25  | : 1.35  |
| Bromystyl, 25 lb cans .....          | 3.75  | : 4.25  | Linalyl Acetate, 1 lb bot .....       | 8.00  | : 9.50  | TERPENEOL, CP, 1,000 lb drs ..       | .25   | : .31   |
| Butyl Anthranilate 1 lb bot dom. D   | ...   | : 16.00 | Benzoate, 1 lb bot .....              | 13.00 | : 14.00 | Cans, 50 lb .....                    | .84   | : .85   |
| Butyric Ether, See Ethyl Butyrate    |       |         | Formate, 5 lb bot .....               | 10.50 | : 12.00 | Absolute, 25 lb cans .....           | .50   | : .60   |
| Cinnamic Acid, 5 lb cans .... D      | 3.90  | : 3.35  | Methyl Acetophenone .....             | 3.75  | : 4.00  | Imported, 25 lb cans .....           | .36   | : .38   |
| Alcohol, liquid 1 lb bot .....       | 6.00  | : 7.00  | ANTHRANILATE dom. 1 lb bot ..         | 2.50  | : 3.25  | VANILLIN, USP 500 oz cans..os        | ...   | : .49   |
| Crystallizable .....                 | 7.00  | : 8.00  | Imported .....                        | 2.50  | : 3.00  | Cans, 16 oz., 80 oz .....            | .50   | : .51   |
| Aldehyde .....                       | 3.00  | : 3.35  | Benzoate, 5 lb bot. import ..         | 1.90  | : 2.00  | Second Hands .....                   | .45   | : .48   |
| CITRONELLOL, 1 lb bot .....          | 7.50  | : 9.00  | Domestic, 5 lb bot .....              | 1.75  | : 2.00  | Valerianic Ether, See Ethyl Valerate |       |         |
| Imported 1 lb bot .....              | 7.75  | : 8.00  | Cinnamate, 1 lb bot .....             | 3.75  | : 4.25  | Yara Yara, 1 lb cans .....           | 1.50  | : 1.60  |
| Citronalyl Acetate, 1 lb bot ..      | 13.00 | : 14.00 | Heptenone, 1 lb bot .....             | 8.00  | : 8.50  | PERFUMERS' SUNDRIES                  |       |         |
| CUMARIN, 25 lb cans .....            | 3.10  | : 3.25  | Paracresol, 1 lb bot .....            | 8.00  | : 9.00  | Almond Meal, 25 lb cans .....        | .24   | : .25   |
| DIETHYL PHTHALATE, See Chemicals     |       |         | Phenylacetate, 5 lb bot. dom. ..      | 3.75  | : 4.00  | Amber, liquid, 400 lb drs .....      | 2.30  | : 2.39  |
| Diphenylchloride, 25 lb tins .... D  | .85   | : .90   | SALICYLATE, USP 500 lb .....          | ...   | : .43   | Ambergris, black, bxs .....          | 8.00  | : 10.00 |
| Ethyl Acetate, pure, 5 lb bot ..     | .45   | : .50   | drums .....                           | ...   | : .45   | Ambergris, gray, bxs .....           | ...   | : 36.00 |
| Benzoate, 5 lb bot .....             | 1.75  | : 1.90  | 50 lb cases .....                     | ...   | : .45   | Balsam Copaiba, Para, 80 lb cases D  | .42   | : .45   |
| Butyrate, 5 lb bot .....             | 1.90  | : 2.10  | Second Hands .....                    | .42   | : .43   | Peru, 120 lb cases .....             | 1.75  | : 1.80  |
| Caproate, 1 lb bot .....             | 3.25  | : 3.50  | Mithane, rect. 1000 lb drums ..       | .10   | : .12   | Tolu, 90 lb cases .....              | 1.40  | : 1.50  |
| Cinnamate, 1 lb bot .....            | 3.50  | : 3.75  | Mint Ambrette, 1 lb cans .....        | 10.00 | : 10.50 | Benzoin Gum, Siam, bxs .....         | 1.30  | : 1.40  |
| Formate, 5 lb bot .....              | .90   | : 1.25  | Ketone, 1 lb cans .....               | 11.50 | : 12.00 | Castoreum, 1 lb bot .....            | 3.75  | : 4.00  |
| ethyl-methyl Paracresol, 1 lb bot. D | 3.25  | : 3.50  | Xylene, 5 lb cans .....               | 3.25  | : 3.50  | Chalk, precip. light, 175 lb bbls. D | .04%  | : .05   |
| Ethyl Phenylacetate, 5 lb bot ..     | 3.75  | : 4.00  | Veroin, 1 lb cans .....               | 1.50  | : 1.60  | Cherry Laurel Water, 5 gal cans. gal | 1.15  | : 1.30  |
| Propionate, 1 lb bot .....           | 1.75  | : 2.00  | Geraniol Ether, 1 lb bot .....        | 1.75  | : 2.00  | Civet Abyssin horns .....            | 2.10  | : 2.25  |
| Valerate, 5 lb bot .....             | ...   | : 3.75  | Para-Cymene, Refd., 110 gal. drs. gal | 2.25  | : 2.50  | Ladanium, 5 lb bot .....             | 7.50  | : 8.00  |
| Salicylate, 5 lb bot .....           | 2.00  | : 2.10  | Phenylacetaldehyde, Dom.,             |       |         | Lanolin hydrous, 350 lb bbls. ..     | .15   | : .21   |
| Formic Ether, See Ethyl Formate      |       |         | 1 lb bot. 50 p.c. .... D              | 8.00  | : 8.50  | Anhydrous, 350 lb bbls. ....         | .18   | : .23   |
| Geranyl Acetate, 1 lb bot .....      | 4.50  | : 5.00  | Imported, 50 p.c. .... D              | 7.00  | : 7.50  | Musk pods, Cabardine, tins .....     | 16.00 | : 17.00 |
| Butyrate, 1 lb bot .....             | 13.00 | : 13.50 | 80-85 p.c. .... D                     | 14.00 | : 16.00 | Toouquin, tins .....                 | 22.00 | : 25.00 |
| Formate, 1 lb bot .....              | 12.00 | : 13.50 | Phenylacetic Acid, 1 lb bot .....     | 3.00  | : 3.25  | Grains, Cabardine, tins .....        | 35.00 | : 36.00 |
| Heliotropin, dom., 100-10 lb. D      | 1.65  | : 1.75  | Phenyl Diacetate, 100. bot .....      | 3.25  | : 3.50  | Toouquin, tins .....                 | 34.00 | : 35.00 |
| Imported .....                       | 2.00  | : 2.25  | 1 lb bot .....                        | 8.00  | : 10.00 | Synthetic, See Aromatic Chemicals    |       |         |
| Hydroxycitronellal, 1 lb bot .....   | 12.00 | : 14.00 | Imported .....                        | 7.00  | : 7.75  | Oris St. Flor., powd bbls. ....      | .12   | : .13   |
| Indol, CP, 1 oz. bot .....           | 6.00  | : 6.50  | Phenylethyl Alcohol, 1 lb bot ..      | 6.00  | : 7.00  | Verona, powd bbls. ....              | .10   | : .11   |
| Iosone, 1 lb bot. 100% .....         | 10.00 | : 11.00 | Phenylethyl Butyrate, 1 lb bot ..     | 26.00 | : 28.00 | Petrolatum, snow white 350 lb bbls D | .12%  | : .13   |
| Alpha .....                          | 14.50 | : 16.00 | Formate, 1 lb bot .....               | 19.00 | : 21.00 | Light Amber, 350 lb bbls ..          | .04%  | : .04%  |
| Beta .....                           | 12.75 | : 14.50 | Propionate, 1 lb bot .....            | 20.00 | : 24.00 | Rice Starch, 140 lb bgs .....        | .09   | : .10   |
| Methyl .....                         | 16.00 | : 18.00 | Valerate, 1 lb bot .....              | 25.00 | : 30.00 | Rose Water, 6 2-3 gal chys .....     | 1.00  | : 1.25  |
| iso-Butyl Benzoate, 5 lb bot .....   | 4.75  | : 5.00  | Phenylpropylalcohol, 1 lb bot ..      | 15.00 | : 16.00 | Sandalwood chips, powd. bags ..      | .45   | : .55   |
|                                      |       |         | Skatol, 1 oz. bot .....               | 7.00  | : 7.25  | Sapendin, 5 lb tins .....            | 1.15  | : 1.30  |
|                                      |       |         |                                       |       |         | Talc, Italian, 220 lb bgs .....      | 60.00 | : 80.00 |
|                                      |       |         |                                       |       |         | French, 220 lb bags .....            | 40.00 | : 45.00 |
|                                      |       |         |                                       |       |         | Domestic ref., 100 lb bags .....     | 14.00 | : 15.00 |



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**ALBUMEN**—25 cks., Dodwell & Co., Shanghai; 679 cans, Bingham & Co., Shanghai; 86 cs., Balfour Williamson & Co., Shanghai; 56 cs., Stanley Jordan & Co., Shanghai; 112 cs., Wah Chang Trdg Corp., Shanghai; **Blood**, 10 cks., Amer Exch Nat Bank, Hamburg

**ALUMINA COMPOUND**—71 cks., Interstate Chem Co., Rotterdam; **Hydrate**, 7 cks., A. Hurst & Co., Southampton

**AMMONIUM SALTS**—13 cks., Pfaltz & Bauer, Hamburg; **Bromide**, 10 cs., Order, Hamburg

**ANTIMONY**—19 cks., Amer Exp Co., Havre; **Oxide**, 100 pgs., Wah Chang Trdg Corp., Shanghai; 250 bgs., W. Schall & Co., Hamburg; **Regulus**, 250 cs., Wah Chang Trdg Corp., Shanghai; 250 cs., McGregor Co., Shanghai; 250 cs., W. R. Grace & Co., Hongkong; 250 cs., W. R. Grace & Co., Hankow; 750 cs., Order, Hankow; 100 cs., Order, Hamburg

**ARGOLS**—60 cks., Royal Baking Powder Co., Leghorn; 23 cks., Royal Baking Powder Co., Naples; 187 cks., Tartar Chem Works Barcelona; 822 bgs., Tartar Chem Works, Taragona; 477 bgs., Harshaw Fuller & Goodwin, Tarragona; 315 bgs., Tartar Chem Wks., Valencia; 201 bgs., Harshaw Fuller & Goodwin Marseilles; **Cream**, 50 brls., C. L. Huisking, Genoa

**ARSENIC**—40 drs., Brown Bros & Co., Hamburg; **Metallic**, 10 drs., Pfaltz & Bauer, Hamburg

**BALSAM**—10 cs., Hamberger, Polhemus Co., Cristobal; 6 cs., Ultramares Corp., Cristobal; **Copaiba**, 90 cs., Nat City Bank, Para; **Tolu**, 15 cs., Columbia Amer Corp., Cartagena

**BARIUM—Ch oride**, 65 cks., R W Greef & Co., Antwerp; 59 bgs., R W Greef & Co., Hamburg; **Hydrate**, 95 cks., H Sundheimer, Southampton

**BARK**—15 bls., Cohen & Co., Nassau; **Cinchona**, 55 cs., Peek & Velsor, Rotterdam

**BARYTES**—12 brls., A Hurst, Hamburg

**BENZINIDINE BASE**—20 brls., Amer Aniline Products Co., Rotterdam

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**CALCIUM SILICATE**—60 cks., De Cource Browne, Havre

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**CHEMICALS**—280 bgs., Amer Exch Nat Bank, Glasgow; 28 cks., Frazar & Co., Glasgow; 1,100 bgs., P Uhlich & Co., Rotterdam; 7 cks., Kidder Peabody & Co., Rotterdam; 370 cks., Order, Rotterdam; 119 cks., Order, Bremerhaven; 227 drs., Order, Antwerp; 20 cks., I M Sobin Co., Rotterdam; 25 cs., Dissosway Chem Co., Rotterdam; 188 brls., Roessler & Hasslacher Chem Co., Rotterdam; 250 bgs., P Uhlich & Co., Rotterdam; 8 cs., Merck & Co., Rotterdam; 20 cks., Roessler

& Hasslacher Chem Co., Rotterdam; 474 bgs., W Van Doorn, Rotterdam; 59 cs., Order, Rotterdam; 20 cs., Traders Service Corp., Hamburg; 29 brls., F Rudloff, Hamburg; 10 brls., Roessler & Hasslacher Chem Co., Hamburg; 18 cks., 1 cse. Pfaltz & Bauer, Hamburg; 4 cs., Eli Lilly & Co., Hamburg; 3 cs., Amer Kreuger & Toll Corp., Hamburg; 11 brls., 3 cs., Eimer & Amend, Hamburg; 2 cs., W Benkert Co., Hamburg; 14 cs., Dissosway Chem Co., Hamburg; 20 cs., N. Y. Quinine & Chem. Works, Hamburg; 20 cs., order, H'burg; 250 brls., Cooper & Cooper Hamburg; **Compounds**, 5 cs., Lo Curto & Funk, Hamburg; **Products**, 100 cks., State rwdg & Shpg Co., Havre; 669 pgs., Anglo So Amer Bank, Havre; 16 cs., Ciba Co., Havre; 13 cs., E Fougere & Co., Havre

**CHLOROFORM**—9 cs., E R Squibb, Buenos Aires

**COBALT—Oxide**, 5 cs., C B Richard & Co., Hamburg

**CINCHONIDINE**—1 case, W Van Doorn, Rotterdam

**CINCHONINE**—5 cs., R W Greef & Co., Rotterdam

**CLAY**—132 cks., M Greenbaum, Rotterdam; 132 cks., M Greenbaum, Rotterdam

**COAL TAR—Distillate**, 59 drs., Monsanto Chem Works, Liverpool; 89 drs., Order, Liverpool

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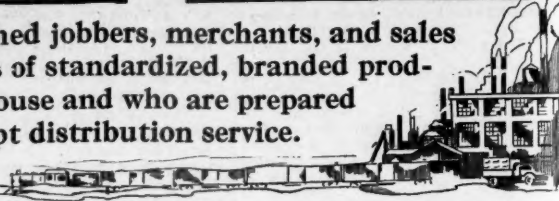
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- HERBS**—5 brls., S B Penick & Co., London; 30 cks., F L Kraemer & Co., Rotterdam; 100 brls., Colombo Co., Leghorn; 38 bgs., Order, Rotterdam; 45 brls., Traders Service Corp., Hamburg; 7 brls., S B Penick & Co., Ham-burg; 100 bgs., H V Henning Son, Alicante; 5 brls., Order, Trieste; **Medical**, 1 cse., F B Vandegrift & Co., Genoa
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- IRON CHLORIDE**—30 cks., Roessler & Hass-lacher Chem Co., Hamburg; **Sulfate**, 50 brls., Eissing Import Co., Hamburg
- IRON OXIDE**—10 cks., L H Butcher & Co., Liverpool; 2 cks., 28 kegs., J H Rhodes & Co., Liverpool; 114 brls., S L Libby Corp., Malaga; 226 brls., Smith Chem & Color Co., Malaga
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- PUMICE STONE**—Lump, 10 cks., C B Richard & Co., Canneto Lipari; 11,523 bgs., Gall-gher & Ascher, Canneto Lipari; 4,151 bgs., R J Waddell & Co., Canneto Lipari; 10 bgs., Whittaker Clark & Daniels, Gallagher Lipari; **Powdered**, 2 cks., 1 cse., C B Richard & Co., Canneto Lipari; 2,339 bgs., Whittaker Clark & Daniels, Canneto Lipari
- PARACETALDEHYDE**—1 cse., Oliver Bros, Hamburg
- PHYTOPHILINE VITIPHILIN**—11 cks., W Braat, Rotterdam
- PYRIDINE**—7 drs., Order, Hamburg
- QUICKSILVER**—200 flasks, Leghorn Trdg Co., Leghorn; 150 flasks, Order, Leghorn; 1,000 flasks, Haas Bros., Alicante; 400 bot-tles, Leghorn Trdg Co., Leghorn
- QUININE**—100 cks., R W Greff & Co., Rot-terdam; 5 cks., R W Greff & Co., Rotter-dam; 26 cks., W Van Doorn & Co., Rotter-dam
- ROOTS**—3 brls., W Benkert & Co., Hamburg; **Aconite**, 43 sks., Order, Valencia; **Aspen**



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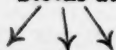
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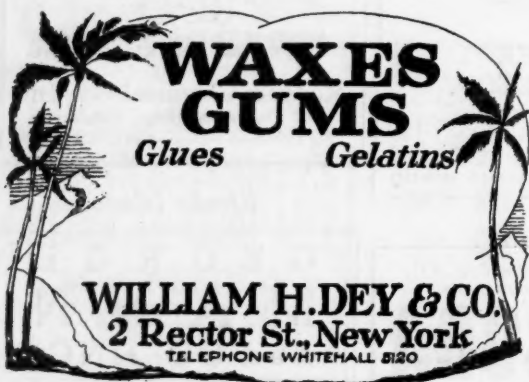
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| Wilson Labs.                            | 1698       |
| Wing & Evans                            | 1833       |
| Winkler & Bros. Co., Isaac              | 1822       |
| Wirz, A. H.                             | 1793       |
| Wismick-Tumpeier Chem. Co.              | 1848       |
| Wrackmeyer & Co.                        | 1837       |

## Do "comers" want to work for you?

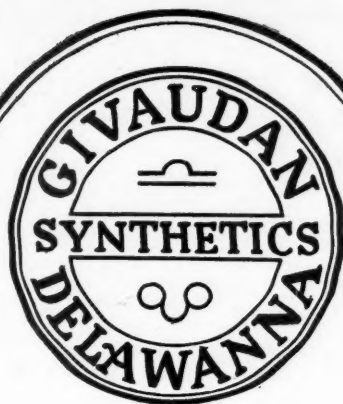
We have salesmen in mind: those intelligent, hardworking men who have to be go-getters to hold their own in chemical selling.

You need an efficient staff of salesmen. But because salesmen are able to stand on their own feet does not imply that they do not need nor welcome all the help you can give them.

The intelligent application of advertising is a comparatively new thing in the industrial field, but it has demonstrated its ability to add to your salesmen's volume.

Your business prospers as it develops or attracts men who are on the way to the top. Naturally, such men ally themselves with alert firms. Advertising has become one of the indexes to progressiveness.

*from the Service Department of*  
**DRUG & CHEMICAL MARKETS**



### American Manufacturers and Importers of Fine Synthetics for Perfumes and Soaps

Coumarin  
Bromstyrol  
Benzophenone

Terpineol  
Musks  
Safrol

Heliotropine  
Diphenyloxide  
Phenylethylalcohol

#### Specialties

Artificial Sassafras    Geraniol for Soaps  
Synthetic Lavender    Oleo Musks  
Perfume Bases for Toilet Soaps

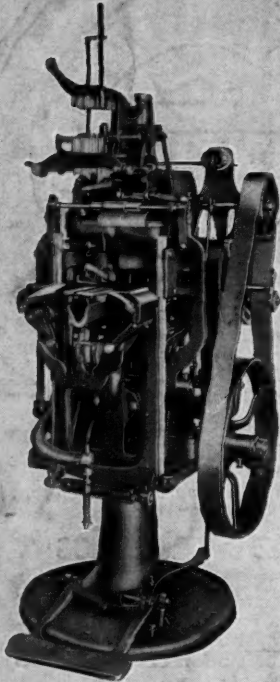
### Burton T. Bush, Inc.

45 JOHN STREET    NEW YORK

Telephone BEEKMAN 3851, 3852

Cable Address: AROMATIC, New York

*Nowell*



MC CORMICK BUILDING  
LIGHT BARRS & CHARLES STS.  
BALTIMORE, MD.  
IMPORTERS, EXPORTERS & GRINDERS  
SPICES, TEAS, FLAVORING EXTRACTS,  
DRUG SPECIALTIES  
BALTIMORE, MD.  
March 18, 1925.

Economic Machinery Co.,  
Worcester,  
Mass.

Gentlemen:

We have installed in our plant five of your World Labeling Machines not only in our Drug Department for labelling bottles, but in our Solid, Mayonnaise and Mustard Relish Departments and in our Spice Department for labelling cans as well.

We have found them economical to operate and easy to maintain, with a very satisfactory output.

The machines are very easy to clean and to keep in adjustment; likewise necessary changes from one machine to another can be made without much loss of time.

We are glad to speak a good word for your equipment and assure you that should our requirements reach a point where additional machines are necessary, we would, undoubtedly, purchase Economic World Labellers, providing the labelling of the packages was within their scope.

Yours very truly,

McCORMICK & CO., INC.

*A. P. Walter*

Supt. Building & Equipment.



THE BRAND OF THE BEE IS A SURE GUARANTEE!  
- CORRESPONDENCIA EN ESPAÑOL - CORRESPONDANCE EN FRANÇAIS



McCormick & Company, Inc. use a variety of shapes and sizes of bottles. World Labeler is labeling them economically and precisely.

The World Labeler will solve your labeling problems in a way that will mean increased out-put, lowered cost, and a uniformly attractive product.

We will be glad to tell you how the World Labeler can fill your particular requirements.

**Economic Machinery Company**  
806 Bradley Bldg. Worcester, Mass.

**WORLD LABELER**

